

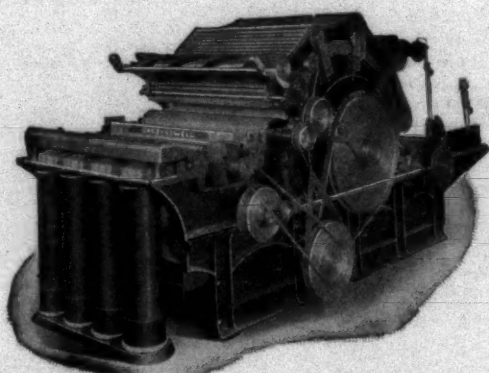
# SOUTHERN TEXTILE BULLETIN

VOL. X

CHARLOTTE, N. C., OCTOBER 21, 1915

NUMBER 8

## SACO-LOWELL SHOPS



FOUR COILER WASTE CARD

### TEXTILE MACHINERY

Complete Waste  
Reworking Plants

ROGERS W. DAVIS, - Southern Agent - CHARLOTTE, N. C.

THE BEST

NORTHROP LOOM

BOBBINS AND SHUTTLES

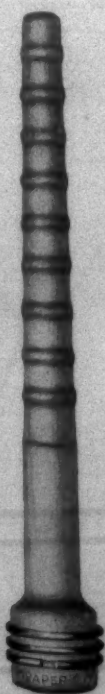
ARE MADE BY

NORTHROP

LOOM MANUFACTURERS

Look for our name on your Bobbins  
and Shuttles

Draper Company  
HOPEDALE, MASS.



DRAPER COMPANY

NORTHROP LOOM REPAIRS

FIT

NORTHROP LOOMS

TRADE MARK

MADE BY

DRAPER CO., HOPEDALE, MASS.

Southern Agent

J. D. CLOUDMAN, 188 South Forsyth St., Atlanta, Ga.



**Farbwerke-Hoechst Co.**

—FORMERLY—

**H. A. METZ & CO.**Aniline and Alizarine Colors, Dyestuffs  
and Chemicals

SOLE LICENSEES AND IMPORTERS OF THE PRODUCTS OF

**FARBWERKE, vormals MEISTER LUCIUS & BRUENING**

Hoechst - on - Main, Germany

122 Hudson St., New York, N. Y.	210 South Tryon St., Charlotte, N. C.
140 Oliver St., Boston, Mass.	1418 Empire Building, Atlanta, Ga.
104 Chestnut St., Philadelphia, Pa.	20 20 Natoma St., San Francisco, Cal.
23 South Main St., Providence, R. I.	45 Alexander St. Montreal, Can.
317 North Clark St., Chicago, Ill.	28 Wellington, St., Toronto, Can.

A. H. WASHBURN, President F. H. WASHBURN, Treas. &amp; Mgr.

**WASHBURN PRESS**  
(RAY PRINTING CO.)**Commercial, Halftone and Color Printing****Engraving, Embossing and Lithographing****BLANK BOOKS AND SPECIAL RULED BLANKS**  
MADE TO ORDER22 West Trade Street  
PHONE 342**Charlotte, N. C.****SOUTHERN AUDIT COMPANY, Inc.**  
**PUBLIC ACCOUNTANTS**  
**AND AUDITORS**

OFFICES

901-903 Independence Building, Charlotte, N. C.  
811 Chamber of Commerce Bldg., Richmond, Va.OFFICERS: C. L. SMITH, President and Treasurer  
JOHN W. TODD, Vice-President and Assistant Treasurer  
WALTER CHARNLEY, Secretary

Manufacturers Should Look Up the Advantages of the

**Metallic Drawing Roll**

Over the leather system before placing orders for new machinery, or if contemplating an increase in production, have them applied to their old machinery. It is applied successfully to the following carding room machinery:

Railways	Detaching Rolls for Combers
Sliver Lap Machines	Drawing Frames
Ribbon Lap Machines	Slubbers
Comber Draw Boxes	Intermediate Frames

**25 TO 33 PER CENT. MORE PRODUCTION**  
**GUARANTEED**

For Prices and Circular Write to

**The Metallic Drawing Roll Co.**  
INDIAN ORCHARD, MASS.**John P. Marston****Gum Tragasol****Kerston Softener****Bleaching Assistant****Bleachers Blue****247 Atlantic Ave.****Boston****SOUTHERN DYESTUFF & CHEMICAL CO.**

Charlotte, N. C.

Southern Selling Agents

**NATIONAL GUM & MICA COMPANY**

Manufacturers and Importers of

**WEIGHTING, SOFTENING, FINISHING AND SIZING COMPOUNDS**WEIGHTING SOFTENER  
CONCENTRATED SOLUBLE TALLOW  
WHITE SOFTENER  
SWISS GUM  
S. S. SOFTENER  
FINISHING PASTES  
BLEACHERS SOAPMIKAH COTTON SOFTENER  
SLASHER OIL  
SOLUBLE OIL  
DIRECT AND SULPHUR COLORS  
BASIC COLORS  
POTATO STARCHES  
SAGO FLOUR

Perfect materials at low prices. Special information given free by practical men for Sizing, Weighting, Finishing, and Dyeing of all kinds of goods.

If your Finishing is not satisfactory, call on us. We can help you.

Phone 2972.

Office 1203 and 1204 Commercial Bank Building, Charlotte, N. C.

**DIXON LUBRICATING SADDLE CO.**

BRISTOL, RHODE ISLAND



Use Dixon Patent Stirrup Adjusting Saddles, the latest invention in Saddles for Top Rolls of Spinning Machines. Manufacturers of all kinds of Saddles, Stirrups and Levers.

WRITE FOR SAMPLE

Trade-Mark  
"NIGRUM" Treated Wood SADDLES  
Reg. U. S. Pat. Off. Which Require No Oil or Grease and Save You Money in Many Ways  
If not, write to us at once for information**GRAPHITE LUBRICATING COMPANY, - - Bound Brook, N. J.****PURO****Don't Pay Good Money for Impractical, Unmechanical and Often Worthless Fountains.**

Here is a practical Fountain, which combines the Faucet and Bubble Features—takes care of the overflow waste, and insures

**SAFETY AND SERVICE**

This is an age of sanitary plumbing and the Sanitary Drinking Fountain is one of its important subdivisions.

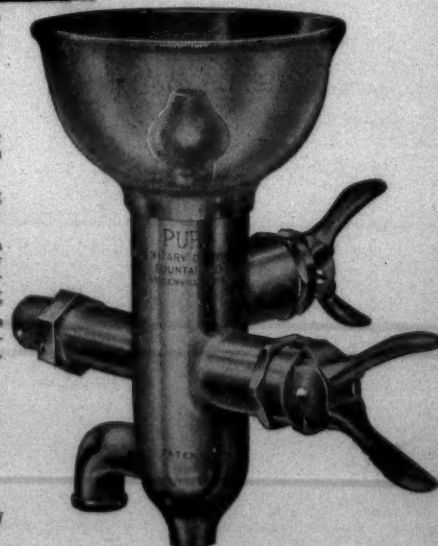
**SAFETY PURO SERVICE**  
FIRST ALWAYS

Is made of heavy brass with extra heavy nickel plate. Bubbler easily controlled by separate "squeeze" handle. No spurts—no choking—inside regulation prevents "shower-bath." Faucet is controlled by another squeeze handle. Faucet gives full water pressure. Has thread for hose if wanted.

Write us the number of your employees and water pressure and we'll present an interesting proposition to you promptly.

**Puro Sanitary**  
**Drinking Fountain Company**

342 Main Street, Haydenville, Mass.



Actual Size 7" High



# SOUTHERN TEXTILE BULLETIN

VOLUME X

CHARLOTTE, N. C., OCTOBER 21, 1915

NUMBER 8

## *What You Will See at the Textile Exposition*

This week we are continuing the advance notices of the exhibits to be seen at the Southern Textile Exposition in Greenville, S. C., November 2 to 6. Those who expect to attend the exposition may obtain catalogues in advance of the exhibition by writing the manufacturers and mentioning that you saw the sketch in the Southern Textile Bulletin.

### **Keever Starch Company.**

The Keever Starch Company will have in space No. 228 a very attractive exhibit in glass of their well-known Victor Mill Starch and also their line of laundry starches. The exhibit will be in charge of Jas. H. Maxwell, of Greenville, S. C., assisted by Jack Iler and Dan Wallace.

### **Westminster Shuttle Works**

The Westminster Shuttle Works of Westminster, S. C. will have space No. 360 and will exhibit a full line of their high grade shuttles and other products. Several representatives including president C. M. Walker will be present.

### **Kron Scale Co.**

The Kron Scale Co. of New York will exhibit at the Southern Textile Exposition in space 320 and 324, a Kron Dormant scale 1000 pounds capacity by one pound graduation. This scale is particularly adapted for weighing cotton bales on the cotton platform, or for use in the cloth room.

They will also have Suspension Type Lapp scale, capacity 60 pounds by two ounce graduation, 20 inch dia. This Lapp scale is to be suspended from an overhead trolley and to be run back and forth in front of the finishing machines as it is necessary to remove the tapp from the machine, will also have a special cloth scale for the weighing of rolls or bolts of cloth, capacity of this scale is 150 pounds by 1-4 pound graduation. J. Kirk Rowell of Louisville, Ky. will be in charge of the exhibits.

### **New York & New Jersey Lubricant Company.**

The New York & New Jersey Lubricant Company will have an exhibit in space No. 420 and besides men from their regular sales staff, they will have in attendance men

who have specialized on the lubrication of textile machinery, and are amply qualified to give mill superintendents and engineers expert advice on this subject, and recommend for each machine lubricants that will insure its working at the lowest operating expense.

They will have on display grades of non-fluid oil that have been developed especially for the textile industry, and that are designed for lubricating every machine employed in the carding, spinning and weaving of cotton. They claim that these lubricants possess the marked advantage over all others of insuring freedom from oil stains on goods in process, thereby stopping a loss which is said to cost southern mills many hundreds of thousands of dollars each year.

At the Exposition, they will distribute gratis a text book on textile machinery lubrication, in which is illustrated every machine through which cotton passes from the bale to the packing room and which treats of the lubricating difficulties usually experienced and the remedies for them.

### **Keystone Lubricating Company.**

The exhibit of the Keystone Lubricating Co., of Philadelphia, Pa., at the Southern Textile Exposition in space 328 will consist of an elaborate display of several Keystone Pyramids. In addition they will have on display a portion of line shafting mounted, showing the application of the various densities of Keystone grease; also showing description of their Organ Centrifugal loose pulley cup, and their Venango steel funnel cup. They will extend free samples to the attendants, large enough to prove the merits of their products. As a souvenir they will extend drinking cups, and quantities of Keystone lead pencils. They will have in one booth, men well posted on scientific lubrication, and will explain to the public the modern problem of lubrication. Karl Kologiski, district manager will be present.

### **The Lunkenheimer Co.**

The Lunkenheimer Co., of Cincinnati, Ohio, will exhibit in spaces No. 353, 354 and 355 a complete line of the Lunkenheimer Quality engineering specialties. Their line is well known, extremely broad, covering specialties for boiler equipment, piping layouts, engine trimmings and also a line of spe-

cialities adapted for the internal combustion motor, automobile equipment, etc. The principal features will be an exhibit of our Re-grinding Valves as well as their Renewo and Ferrenewo Valves and Single and Double Disc Gate Valves.

Besides they will exhibit their full line of Iron Valves in both the Globe and Angle also Gate Patterns, as well as their Puddled Semi Steel and Cast Steel Valves, same styles; a very complete lot of samples covering their Ground Key Work, Stop Cocks, etc., Whistles, Lubricators, Oil Cups, Grease Cups will be displayed.

Possibly the display of most interest to the engineer at the present time will be their Non Return Safety Boiler Stop Valve, which on account of the Safety feature has attracted considerable attention through out the entire country from the progressive mill owners.

They will be represented at this exhibit by their Charles W. Thresh, of Atlanta and William Morgan Hood of Petersburg, Va.

### **The Dixie Packing Company.**

The Dixie Packing Co., at Atlanta, Ga., propose to display in space 327 a number of their various products, which will consist in part in Piston Packings in various styles and types, Moulded Rubber Goods and Formed Leather packings; Flange joint, Manhead and miscellaneous Gasket Packings, etc.

Representing their interests at the convention and having charge of the exhibit they have appointed L. J. Bishop traveling their Georgia and Florida territory, and J. E. Shelton in control of our North and South Carolina business. Possibly other representatives of the company may be in attendance at the convention to meet their friends over the South and contribute to their enjoyment.

### **Emmons Loom Harness Co.**

The Emmons Loom Harness Co. of Lawrence, Mass. will have an exhibit in space 209 a full line of their well known products. Their exhibit will be in charge of their Southern representative, George F. Bahn, of Charlotte, N. C.

### **Normalair Company.**

The Greenville exhibit of the Normalair Company, of Winston-Salem, N. C., will be on the third floor, space 311, and will be in charge of their F. F. Bahnson, engineer, and Geo. Gray.

They shall have on exhibit a complete Normalair system of air conditioning and yarn conditioning equipment, consisting of two complete Normalair Humidifiers with automatic control for temperature and humidity.

They not only manufacture ordinary humidifiers, but will make a specialty of yarn conditioning rooms, and of any other rooms where controlled humidity or temperature is required.

### **American Machine & Manufacturing Company.**

The American Machine & Mfg. Co., of Greenville, S. C., expect to exhibit in spaces 517, 518 and 519 at the Southern Textile Exposition: An improved Condensation Pump for reclaiming hot condensation from Slashers, Dry Cans, Tenting Machines, Heating Coils, etc., this machine designed to return all hot water to boilers under pressure and at the same high temperature carried on the lines being drained.

An improved Self-cleaning Rotary Separating Condenser for use in connection with Pneumatic Conveying Systems for handling cotton.

An improved Waste Opener for opening, cleaning and mixing picker motes, card sweeps, strips, fly, flue waste, etc.

A complete Fibre Reclaiming System for reclaiming all Spinnable Fibre from Picker Motes, Oily Card Waste, Fly, Strips, Flue Waste, etc., this equipment to be shown in actual operation at their plant, the other machines to be shown at the Exposition Building.

Their exhibit will be in charge of Joe B. Brenner.

### **J. A. Piper Roofing Company.**

The J. A. Piper Roofing Co., of Greenville, S. C., will show in space 303, slasher hoods and piping, in connection with a drip cup for shafting hangers, made to catch the dripping oil, and not the using lint. Also waste cans and supply oil cans.

J. A. Piper will be in charge of exhibit, with Wm. H. Cunningham, their superintendent.

### **Spray Engineering Company.**

The main feature of the Spray Engineering Co. exhibit in spaces No. 505 and 504 will be a miniature spray cooling system, and pond complete, so constructed and arranged as to admit of actual operation, making an actual working model of a spray cooling system with pond



complete. The groups of nozzles used with this model will atomize the water, throwing it into the air, producing exactly similar effects to a full sized installation.

In addition to this, they will have a considerable number of enlargements of photographs of various installations in the South and elsewhere framed and hung around the exhibit space. They will also have a full line of their spray nozzle and other special equipment showing nozzles that will spray from a minimum of one-tenth of a gallon per minute up to 100 gallons per minute and more. J. S. Cothran, of Charlotte, their Southern representative, will be in charge of this exhibit and will have a full line of literature to distribute, including copies of their Mr. Parker's paper on "Cooling Ponds for Condensing Engines," which was presented to the National Association of Cotton Manufacturers at New London, Connecticut, on September 14th, 1915.

#### McNaughton Grate Bar Company.

The McNaughton Grate Bar Co., of Maryville, Tenn., will have on exhibit at the Southern Textile Exposition a grate of unique construction med in both the stationary and rocking type.

The McNaughton Stationary Grate is not radically different in appearance or method of handling from the common grate bar, but it produces a most noticeable improvement in fuel burning. Although the character of the results from its use vary in different places, according to the fuel, condition of brick work, and dimensions of stack, the general results indicate a saving in fuel through more efficient combustion, decrease in density of smoke, easier firing, and considerable increase in capacity of boilers for overload.

They claim that the improvement in working conditions being so much greater in practice than a superficial examination of the McNaughton Grate might lead one to expect, has resulted in reports from customers which show enthusiasm as well as satisfaction.

The small cost of a grate being so minor an item when counting the value of fuel used on it, it is evident that the careful selection of a grate suitable for the conditions, and character of fuel, is a measure of such importance that no plant manager can afford to neglect its claims upon his personal attention.

The actual difference between the McNaughton Stationary Grate and other bars is that the common grate, or herringbone type, has a considerable percentage of dead surface along each edge the entire length, and frequently down the center as well, cutting down the draft area usually about one-third, and often more. The McNaughton furnishes open air spaces across the entire bar.

The method of construction is unique in that any section of the bar can be removed from its normal alignment. The lower edge of the section has large lugs cast solid with it which securely hold it in place level with the rest, but which permit easy removal of the section if desired, by slightly forcing the

under bars apart, which lock it in position. With this feature a trifle expended for a small section will often save the purchase of an entirely new bar, reducing the general cost of up-keep from 50 per cent to 75 per cent, besides having a grate that can always be kept in first-class condition.

This design of grate accomplishes several valuable improvements at once, the most important being even distribution of the draft spacing free from extra metal at the firing surface. There is room for expansion between each section, and no part of the bar is ever under any heat strain, which in other grates weakens the metal in heat resistance as well as causing buckling. With the cause of troubles removed by correct design, they claim that the McNaughton Grate will endure the most severe use without sagging or buckling if given proper care. The average of reports from firms using this grate show that it has proven an exceptionally profitable investment.

The McNaughton Rocker Grate is claimed by them to be mechanically right in construction, and the plan of draft surface a radical improvement which they say every practical engineer will see the value of.

The draft openings extend across the face of the entire grate without being closed off or across at any place. They say that no grate could possibly give more draft area and leave any metal to support the fuel and that none other can equal it in this respect and not have natural mechanical disadvantages which this system of construction entirely overcomes.

They say further: "Regardless of what particular width of air opening may be demanded by the conditions, it is invariably provided in the best possible form—that of an uninterrupted air gap extending the whole width or length of the furnace."

The castings on which the bars depend for strength and straightness do not come into contact with fire at any point. And part of the bar can be easily replaced.

The frame castings are substantial and heavy, connections at the corners are machined fits, turned steel pins fitting into drilled holes positively securing all parts to place and insure correct alignment. Cheaply or poorly fitted up frame work causes many troubles.

The whole set of grates and frame work is entirely self-contained, and will fit in where any ordinary grates have been removed. The end ties are heavy blocks of iron which secure themselves, and the rest of the grate to place by merely being dropped into position and also thoroughly protect the edge of the dead plates.

It is far past the development stage and has become thoroughly seasoned and adapted to the conditions it has to meet and work under. Each detail of construction has been settled on only after practical and convincing use had proven its value. This type of grate does not dump, nor can anything fall between the bars and cause them to bind."

#### National Aniline and Chemical Co.

The exhibit of the National Aniline and Chemical Company in spaces 577, 578, 579 and 580, will consist of two stands, pyramidal in shape, each containing several large bottles of colors. There will be some dyeings hung in different parts of their booth, such as raw cotton, cotton yarn, hosiery, wool, etc., together with a few pictures of their works.

#### Greenville Loom Reed & Harness Co.

The Greenville Loom Red & Harness Co. expects to make a display in spaces 260B, 261 and 262 of their product of their plant on the ground. They will have on exhibition a part of their full plant and will make reeds during the week of the exposition. Their plant was established the first of this year and enjoys the patronage of the many cotton mills in the Piedmont section of South Carolina.

They have a capacity to take care of all the mills around that section. Their superintendent, Albert Nuttall has had forty years experience in making cotton mill reeds and is considered one of the most skillful men at the business. The officers of the company are J. F. Richardson, president; Geo. W. Duncan, secretary, and Albert Nuttall, superintendent.

#### The Seydel Mfg. Co.

The exhibit of the Seydel Mfg. Co., of Jersey City, N. J., will consist of:

1st. Nitro Benzol and Aniline Oil.  
2nd. Their well-known Sizol compounds which are used for the sizing and dressing of warps and finishing textile materials.

3rd. Their textile soaps and other finishing material, such as softeners, Turkey Red Oil, etc.

They will also exhibit finished pieces of cloth to show the practical results obtained with their material.

#### Wm. C. Robinson & Son Co.

Wm. C. Robinson & Sons Co., of Baltimore, Md., will have three spaces, No. 312B, 313 and 314 at the Exposition at Greenville. Messrs. W. C. Robinson, R. Tautenhahn, W. A. Biggs, W. L. Blackwelder, and B. F. Houston will attend. They will exhibit their high-grade lubricating oils, Slashol, etc., as well as finished products made with the use of Slashol. Their lubricating oils will be exhibited in a cabinet, especially made for the purpose, showing the different grades of oils running from small brass barrels over a glass.

#### Corn Products Refining Co.

The Corn Products Refining Company will exhibit in space 240 a series of samples showing the different steps in the manufacture of starch, corn syrup, corn sugar and dextrine from starch. Also another series showing the various commercial products manufactured from corn starch. In addition to this there will be an exhibit showing the variety of textile fabrics in the manufacture of which corn starch and corn starch products are so extensively used. G. M. MacNider, the

Southern manager, will be in charge of the exhibit.

#### Steel Heddle Mfg. Co.

On the second floor of the main building in space 238, the Steel Heddle Mfg. Co., of Philadelphia, Pa., will exhibit types of loom-harness for weaving every class of fabrics from the finest and most delicate silks up to the heaviest and coarsest jute bagging. This range of loom harness will include heddles which are used on cotton and woolen goods, in every pattern of weaving, including plain, fancy, twill, and leno weaves.

A special feature of the exhibit will be the harness with steel doups, which are used extensively in Southern and Northern mills that manufacture lenos, and which they claim have within the last few years have almost entirely replaced the old-style twined doups for weaving half-turn lenos.

Another special feature of this exhibit will be the double-bar "Duples" loom harness, which has had notable success in mills on two and three-shade goods with close and heavy sleys, such as print cloths, drills and denims. This harness is so arranged that it can be quickly changed from one cloth construction to another, thus enabling a mill to change from a cloth of the lowest number of threads per inch to the highest number per inch without having to buy additional sets of harness for the looms. This harness will be of particular interest to Southern mill men because it was developed and perfected to its present state of success exclusively by Southern mill men.

Also worthy of special mention are the harness frames to be exhibited with patent slides for holding the heddle bars in the frame, and which enable the loom-fixer or weaver to slide the hooks to one side when the heddle eyes become crowded on one side of the hooks. These frames are also made with patented lock-end device to strengthen the frame.

It is claimed for the Flat Steel Heddles, patented, made by this company, that in several years the heddles have been used no thread has ever been cut or worn through the harness eye, and that by reason of this fact the harness is a loom equipment instead of a loom supply. The Southern agent of the Steel Heddle Mfg. Co., Hampton Smith, is in Greenville and will have charge of the company's exhibit.

#### Acme Loom Harness & Reed Works.

The Acme Loom Harness & Reed Works of Greenville, S. C., will have on exhibition in spaces No. 432, 433 and 434 at the Textile Exposition Machine in operation manufacturing Loom Harness and will be pleased to have all visiting the fair to make their booth their headquarters.

#### Keystone Fibre Co.

The Keystone Fibre Company of Yarklyn, Delaware, will exhibit in spaces 348 and 349 a complete line of vulcanized fibre hollow wares including trucks, boxes, baskets, roving cans, etc., and will feature their Peerless Seamless Roving Can. This



can is manufactured by a special process which eliminates all seams and insures an even smooth surface on the inside and outside of the can. The steel bottom and steel kicking band and metal top insure rigidity and strength.

This exhibit will be in charge of Mr. D. D. Howard who is widely known among the textile mills for his pleasing personality and superior manufacturing knowledge of fibre products. All visitors to the Keystone Fibre Company's booth will doubtless receive a hearty welcome.

#### General Electric Company Exhibit.

The General Electric Company, Schenectady, N. Y., will have an exhibit, in spaces 117, 118, 125 and 126, of interest to all textile manufacturers, both from a power and lighting standpoint.

Included in the exhibit will be motors of various sizes and characteristics, peculiarly adapted to driving textile machinery. From the large size motors of 100 H. P. used for driving groups of textile machines, down to, and including, a totally enclosed 1-3 H. P. motor for direct connection to, and operation of, a single loom.

In addition, there will be exhibited one of the company's latest type ball bearing four frame motors, mounted on an up-to-date steel motor support, exactly as it would be in a mill.

There will be exhibited in connection with these motors a number of the various starting devices—compensators, switches, automatic and non-automatic, which are used in the equipment of textile mills.

In addition, there will be exhibited various devices, such as the mast arm support and type "Ca" Mazda lamp, which are exclusively used in lighting mill villages, various samples of Mazda lamps for the interior lighting of mills, stop motion transformer, heating devices, switchboard, etc.

The exhibit will be intensely interesting to all textile manufacturers, whether they are at present users of electricity or not.

The General Electric Company will have present at the exposition one of their textile salesmen during the hours the exhibit is open.

#### Jenkins Bros.

The exhibit of Jenkins Bros., in section No. 500, consists of valves and mechanical rubber goods required in engineering service.

In addition to the well-known types of renewable disc valves, there are on exhibit samples of their new globe-shaped swing check valves, x or blow-off valves, gate valves, automatic equalizing stop and check valves, besides sheet packing, pump valves and valve discs.

Jenkins Bros. make valves in brass and iron, suitable for moderate, medium heavy and extra heavy pressures; also a line of cast steel valves for high pressure superheated steam or hydraulic pressure.

The exhibit is in charge of one of their Southern representatives, B. R. Wofford.

#### Charles Lowinson.

The following is a list of the articles which Chas. Lowinson of New York, expects to exhibit at the textile show in Greenville, November 2nd to 6th, 1915.

Lowinson's Thread Counting Glass—Standard counting glass for counting threads in woven fabrics.

Lowinson's Yarn and Cloth Quadrant.—For immediately getting the number of cotton yarn by hanging either 4 yards or 40 yards of yarn on the hook.

Tachoscope.—The highest type instrument made for taking speeds.

Self-Computing Cloth Scale.

Self-Computing Yarn Scale.

Pick Glasses.—The new and improved Pick Glass with one of the sides cut out of the base, affording a well-lighted field.

Yarn Assorting Balance.

Ashcroft Paper Tester.

Ashcroft Thickness Gauge for getting the thickness of cloth, wire, rubber, etc.

#### D. D. Felton Brush Co.

The D. D. Felton Brush Co., of Atlanta, Ga., in conjunction with the S. A. Felton & Son Co., Manchester, N. H., will have their exhibit at section No. 343 at the Southern Textile Exposition. They will show a complete line of cotton mill brushes, and particularly the line of floor sweeps, which have been so unanimously adopted and which are greatly reducing the sweeping expense throughout the mills. Through the use of these sweeps the mill waste comes much cleaner than it does through the use of the corn brooms. Their Southern manager, J. B. Fitch, will be in charge of the exhibit.

#### Suspension Bearing Company.

The exhibit of the Suspension Bearing Co., of Spartanburg, S. C., will consist of the various types of ball and roller bearings. They will also have some of the bearings in actual operation, showing their adaptability to cotton mill and cotton mill machinery construction.

#### Otis Elevator Company.

Otis Elevator Company's general exhibit consists of eleven freight elevators which are installed in a group of buildings of the Piedmont & Northern Company's warehouse system, in which the Southern Textile Exposition takes place. This is only a portion of the entire equipment sold to the Piedmont & Northern.

The individual exhibit, space 548 on Piedmont Avenue side consists of their service supplies, including lubricants, wire rope and repair parts, also model of the package conveyor and illustrations of the inclined elevators and freight elevators or machines.

#### Draper Company.

The Draper Company of Hopedale, Mass., expect to exhibit in spaces 242 to 259 inclusive, the following:

One 36-inch E Model Loom, with large filling battery using coarse filling, and with large shuttle, on a heavy four harness weave.

One 30-inch E Model Loom with

(Continued on Page 8.)

# LESS SECONDS

## ARAGON COTTON MILLS

ROCK HILL, S. C., April 16, 1915.

### STEEL HEDDLE MFG. CO.,

Philadelphia, Pa.,

Dear Sirs:

We have had one-fourth of our mill equipped with your FLAT STEEL HEDDLES for nearly one year. We get just as many yards of 80x80 PRINT CLOTH from the steel heddles as we do from the twine harness, and MAKE FEWER YARDS OF SECONDS. I consider it the best harness we can buy. We have just placed the order for the full 560 sets.

Yours truly,

P. B. PARKS, Superintendent.

If you are interested in making cloth of BETTER QUALITY, BETTER PRODUCTION, and at LESS COST for loom-harness supplies, we have some facts that will interest you.

We are specialists in loom harness, including steel drop wires, plain or nickel-plated.

## STEEL HEDDLE MFG. CO.

2100-20 West Allegheny Avenue

PHILADELPHIA, PA.

SOUTHERN AGENT

HAMPTON SMITH, GREENVILLE, S. C.

# Cassella Color Company

New York

Philadelphia

Boston

Providence

Atlanta

Montreal



## The Dyestuff Situation

The past month has seen a decided tightening of the dyestuff supply, and as there were no imports during that period the present supply is exactly one month's consumption less than it was a month ago.

Gradually, but surely, the market is being depleted and the time is not far distant when there will be an absolute exhaustion of artificial dyes, and the mills will then be compelled to abandon all colored goods or adopt the natural extracts in meagre quantities, but as these latter dyes are absolutely unsuited for certain lines of textiles of the better quality it is evident that many classes of goods will have to be discontinued.

Many mills that treated the dyestuff situation with disconcert during the beginning of the present war are now convinced that the statements of the foreign and domestic manufacturers were made with a knowledge of the facts and for the protection of the textile industry, and not from any selfish desire to reap a financial benefit by instigating a false impression of the situation.

Fortunately many mills appreciated the action of the dyestuff dealers and entered heartily into arrangements which would protect themselves and benefit the industry at large. These mills have been enabled to continue with a minimum of worry and inconvenience, and they now feel assured that they will be protected to the extent of the possibilities of the dealers.

The raising of the embargo by the British Government upon goods now in neutral ports, ordered prior to March 1, 1915, does not effect the situation, as no dyestuffs are included in the order, and hence no aid can be expected from that source.

Notwithstanding the seeming willingness of the United States Government to assist the textile industry, one cannot but be impressed with the idea that either the Government has exercised itself along wrong lines, or that inefficiency, due to a lack of understanding of the production of dyes, has brought it to no practical conclusion, and that the investigations and reports have been of little value save as a medium for filling the columns of the daily papers with vague generalities and erroneous conclusions.

Time and again the representative of the Government has been so impressed with the statements presented to him that he has announced that at last the dyestuff problem has been solved and that within a few weeks the mills will be supplied with more than sufficient of all the various dyestuffs, produced in this country by methods that will revolutionize the industry and make the United States the greatest dye producer in the world.

All of these revolutionary processes have been submitted by men whose prior experience has been limited to practical dyeing, not dye making, or by chemists whose experience has been along lines other

than that of dyes. It is safe to say that not one of the methods of saving the situation has been suggested by a chemist versed in the manufacture of dyestuffs and who is acquainted with the difficulties that beset the commercial production of these products.

It is rather odd that not one of the many experts chemists in this country, who are thoroughly acquainted with the manufacture of dyestuffs, has been able to present a method which, of itself, would solve the problem.

It would seem that the better policy of the Government would be to submit its proposals to those who know the industry and obtain their opinions before rushing into public statements, which thus far have had no effect upon the situation, except to raise false hopes in the minds of those most interested and whose money is invested in the dependent industries.

Within the past six months, one dyer or chemist after another has invented (?) most extraordinary dyes, immense amounts of money have been raised to produce and market the products, companies have been incorporated in nearly every state in the Union, the daily press has been fired with enthusiasm, and still the mills have been unable to get their supplies and the shortage becomes more threatening.

The Government announces that it has withdrawn from its contract with the Aetna Explosives Company to furnish not less than \$200,000 for the development of the Ritman process, which a few months ago was heralded as a solution of the entire dyestuff difficulty.

No results have as yet been obtainable from the arrangement made by this Government with Switzerland, whereby we were to furnish the manufacturers of that country with raw materials which they were to convert into dyestuffs for us, nor is there any promise of such results, and it would seem to those conversant with the industry that a considerable saving of time and expense might be expected if the raw materials were furnished to the domestic manufacturers instead of to those of a foreign country.

The Government is now holding hearings in New York City, under the supervision of Dr. Thomas H. Norton, and the true situation has been presented by representatives foreign and domestic manufacturers, textile mills and interested association. These facts have been known for many months to those having knowledge of, or interest in, the industry, and little new or interesting information has been presented.

It is the intention of the Government experts to compile this information and then present some practical solution of the problem. There might some good arise from the hearings, but if it is the intention to publish a pamphlet upon the subject, containing a condensed account of the hearings, and then con-

## THE SEYDEL MFG. COMPANY

JERSEY CITY, N. J.



Sizings and Finishings

Soaps and Softeners

FOR ALL TEXTILES.

## Link-Belt Silent Chain

FOR EFFICIENT POWER TRANSMISSION



Link-Belt Silent Chain is the modern method of transmitting power — from prime mover to machine, or from line shaft to counter shaft. It shows the highest sustained efficiency of all mediums for the transmission of power (98.2% on actual test). It is as flexible as a belt—as positive as a gear, and is more efficient than either.

Look for the Name  
on the Washers

Look for the Liners  
in the Joints



Write for Silent Chain Data Book No. 12, or  
send for a Link-Belt Service Man

## LINK-BELT COMPANY

### PHILADELPHIA

New York 299 Broadway  
Boston 49 Federal Street  
Pittsburgh 1501 Park Bldg.  
St. Louis Cen'l Nat. Bank Bldg.  
Buffalo 698 Ellicott Square  
Detroit 911 Dime Bank Bldg.  
Cleveland Rockefeller Building  
Seattle 580 1st Ave., South  
Montreal, Cap.

### CHICAGO

### INDIANAPOLIS

Denver Lindrooth, Shubart & Co.  
New Orleans, Whitney Supply Co.  
Los Angeles, 204 N. Los Angeles St.  
Minneapolis, Link-Belt Supply Co.  
San Francisco, Meese & Gottfried  
Company  
Birmingham General Machinery  
Company  
John Millen & Son, Ltd.

clude that in order to overcome the situation we must do one of three things—manufacture dyes in this country, discontinue dyeing, or use the natural products, as was done by the Government in its last report, the whole matter is a farce, a disgrace to the Government and an insult to the industries which represent millions of dollars of investments and the employment of hundreds of thousands of workmen.

The practicability of the Government investigators is on trial, and they must prove themselves capable of their trust by presenting a solution that is both practical and immediate, or admit their inability to cope with the conditions.

The latest statement vouched for by the Government representative is that the Pearsite Company, a \$2,000,000 concern, will market dyes within a few days, and that within ninety days its output will be 10,000 pounds per day. According to the same authority, the process of this

company is a "short-circuiting" of the production of hydro-carbons; and according to the only information thus far given the public, consists in "oxidizing coal," a statement which is indefinite as it is unscientific. It is to be hoped that this process will not meet the same fate of the many that have preceded it, but that it will prove an effective way out of the present difficulties; but it will require more than the approval of the Government to conditions surrounding the production of dyestuffs.

Notwithstanding the various hearings held by the Government, its investigations by trained experts, its abortive attempts to obtain the importation of foreign goods and the publication of various documents upon the subject, the only practical method that has been adopted is a business-like agreement between the producers, and the domestic manufacturers, where-

(Continued on Page 15).



## The Palmer-Owen Bill

There has been introduced in the Congress of the United States a child labor bill, known as the Palmer-Owen bill. The matter of congressional action has been under consideration for quite a while. Most of us have not considered that there was much probability of action, but recently it seems more than likely that some sort of bill will be passed. I am moved to write for two reasons: first, I feel I know something of the subject; second, because as a good many know I have for several years taken an active part against child labor, and night work. For a period of several years I wrote more against these things than any other man in the State, and I trust that my action had some influence in securing our present laws on the subject. I wrote then because I felt it my duty to do so. I write now for the same reason.

The heart of the bill, so far as the South is concerned, is that children between fourteen and sixteen years shall not work over eight hours a day. Now I believe that if that bill were to become a law the effect on Southern mill life would be very hurtful, both to manufacturers and operatives.

In the first place, I think it is bad to pass a law of that sort by indirection. Congress cannot pass a law directly touching the situation, but proposes to accomplish the purpose desired by the control of Congress over interstate commerce. Goods made by mills employing those under sixteen years over eight hours a day shall not be shipped out of the State. I think this method is bad in principle, and especially so, in the case of any law where public sentiment and economic conditions have such an important part in its enforcement. To admit such a vicious precedent in our national law-making would, I think, be very objectional and even dangerous.

In the second place, I think the law itself is bad. And among those who know me it is not necessary for me to say that I am opposed to child labor. But there is a limit to all things. So far as Southern cotton mills are concerned this law goes beyond any reasonable limit.

The mills are running an average of ten hours a day. Some of us love to dream of the time when any group of workers will work only eight hours a day in the mill, and do something else the balance of the time. But I do not know of any sensible man acquainted with the situation who believes that we have reached that time, or are anywhere near it. It is not practicable for part of the workers to work eight hours a day, and part ten, for the product goes from one set of machines to another, and they are so adjusted as to keep all busy alike. One of two things would be necessary, keep those under sixteen years out altogether, or add considerable floor space, and machinery to each mill. I do not know of any man—even an idealist—acquainted with the life of the mill people, and of financial conditions of the mills,

who would for a moment approve either alternative.

Again, aside from the financial conditions of the mills, I think it would be bad for the boy to keep him out of the mill until he is sixteen years, especially with our present limited school facilities. A reasonable amount of play is desirable and necessary for normal development. But so also is work. Loafing is just about as bad for the boy as anything I know, and a law of this sort would certainly produce an amount of loafing that would be hurtful not only to the boys themselves, but to the whole community.

We have an excellent law in North Carolina now, and the law in other Southern States is similar, I think the present laws, with one exception, are as far advanced as economic conditions and public sentiment will justify. The exception I refer to, is that in my opinion the age at which young people may work should be raised a little, but this will be done and the State will do it, so it is not necessary for Congress to do so.

The present law is reasonably well enforced. So far as my knowledge goes the mill managements are endeavoring to observe the law strictly. I have heard the opinion expressed by some operatives that others were misrepresenting the age of their children. But as we have not had until recently any law as to the preservation of vital statistics, it is almost impossible to secure legal proof. This is bad, just as lynching is bad. Besides the individual personal sin, it creates a disregard for law. It would become an evil so great as to dull the moral sense of considerable numbers of our mill people. Our Master taught us to pray, "Lead us not into temptation." Those upon whom lie the responsibility of creating sentiment or making laws should hesitate to do what will inevitably lead to misrepresentation and perjury. I know personally many families where such a law would work so great a hardship that it would require very unusual moral courage and integrity not to connive at its evasion.

But this is urged as advisable for sectional reasons. It is said that the manufacturers of New England suffer in comparison with those of the South, because of their more advanced labor law. I am not intimately acquainted with the New England conditions, and am, therefore, not prepared to speak authoritatively of what is best for them. But we do know that they have vastly more money than we; the public schools are very much better and longer; the public institutions are prepared to provide for needy and helpless children, while ours are still small, and compelled to refuse homeless little children; most of their manufacturing concerns have ample reserves accumulated, while ours are for the most part new, and very many in debt; their banks are filled with money which manufacturers can borrow at

(Continued on Page 16).

## PUBLIC SALE

## In LIQUIDATION

The entire plant and property of  
the Hope Mills Manufacturing Company

situate at Hope Mills, Cumberland County, North Carolina, consisting of Mill No. 1, a two-story brick building, with a water power of about 300 horse power; Mill No. 2, a two-story brick building, with a water power of about 500 horse power; Mill No. 3, a two-story brick building, with a water power of about 90 horse power; Mill No. 4, a two-story brick building, with 250 steam horse power; two superintendents' houses; 268 tenant houses from two to four rooms; 14,000 spindles, with the necessary belting, shafts, machinery and equipment, and 1563 acres of land, including the land on which the above improvements are located,

will be sold to the highest bidder at  
public auction on Wednesday,  
November 10th, 1915,

on the steps of the Court House, in FAYETTEVILLE, NORTH CAROLINA, at 10 o'clock, a.m. The property will be sold clear of all encumbrances, and will be offered first as an entirety, and then in parcels, the real estate to be sold as one parcel, and the looms, spindles, shafting, and all machinery and fixtures as a separate parcel, the best aggregate price to be accepted.

A deposit of five thousand dollars (\$5,000) in cash, or its equivalent, will be required at the time of sale, if the property is purchased as an entirety, or if purchased in parcels a deposit of \$3000 will be required for the real estate, and \$2000 for the machinery and fixtures.

By order of the Board of Directors.

**Hope Mills Manufacturing Company**

Further particulars can be obtained from

W. J. BEATTIE, JR., Secretary,

Hope Mills, N. C.



### What You Will See at the Exposition.

(Continued from Page 5).

steel harness stop-motion with Straw's patent feeler arrangement on a two-shade gingham weave.

One 36-inch P Model Loom with the largest size of shuttle, using very coarse filling, on a heavy four-harness weave.

One 36-inch K Model Loom on fancy goods, using twenty harness dobby.

One 90-inch L Model Board Sheet- ing Loom making broad sheetings.

One 40-inch E Model Loom with double filling fork on a two shade narrow sheeting.

Nearly all of the above looms have cut gears, and represent their stand- ard constructions for its product.

In addition to the looms they will have one or more cases of small goods, i. e., spindles, rings, loom temples, etc.

#### Economy Renewable Fuses.

The Economy Fuse & Manufac- turing Company, of Chicago, Ill., will occupy section 595 and will ex- hibit their complete line of Re- newable Cartridge Fuses.

Economy Fuses are made in two general types, Furrule and Knife Blade, with a full line of capacity ranges in both 250 and 600 volts.

The particular merit of this de- vice is the fact it is designed on the renewable principle so that it is pos- sible for the user to renew the Fuses after operation in his own plant without soldering iron or special tool.

This feature appeals strongly to the user because of the saving which it is possible to make in his Fuse maintenance expense.

The principle of the Economy "Drop-out" Renewal Link is claim- ed by them to be now recognized as the ideal method of insuring maxi- mum Fuse protection under all conditions of overload or short cir- cuit duty and is used in the Econ- omy Fuse without a surrendering non-conducting filling material of any kind.

These fuses are now used exten- sively by textile manufacturers and all large industrial plants for the protection of their electrical equip- ment and property.

R. P. Tinkham, Southern repres- entative, will be in charge and A. E. Tregenza, general sales manager, also expects to be present.

#### Ashworth Bros.

Ashworth Bros. of Fall River, Mass., will exhibit in their space a top flat machine making top flats clothing for cards. This machine will show the mill men exactly how high-grade top flat clothing is made and will be of much interest to card- ers.

#### Norris Brothers.

Norris Bros., of Greenville, S. C., expect to make an exhibit of shut- tles and shuttle fittings of every de- scription which are commonly used by the textile mills in the southern territory.

They expect to especially exhibit a line of shuttles with an improved friction threading arrangement which has been invented and pat- ented by a Greenville man, Robert A. Taylor.

They will also show a line of other accessories required by the textile mills made from hardwood.

#### R. S. Huntington.

R. S. Huntington, of Greenville, S. C., will have spaces 556 and 557 at the Southern Textile Exposition and will show examples of the sort of electric wiring that pays, in cotton mills.

He says that electricity, long the only practical means of lighting the cotton mill, is daily claiming greater attention to its superior qualities as a driving force.

The selection of efficient and ser- viceable motors is only the first step to a successful electric drive, however. The wiring installation is an important link upon which the strength of the whole chain of ser- vice depends. It is replete with op- portunities for weakness and failure unless the same degree of care goes into its construction as into the de- sign and construction of the motor.

It is his purpose to make his ex- hibit of strong practical interest and value to every cotton mill man and to demonstrate how his instal- lations are guarded by every means practicable against weaknesses which may cause expensive shut- downs and delays in production. And to show at the same time, how he is accomplishing this at a cost no greater than for the ordinary in- stallation.

The exhibit will include examples of open and conduit wiring most used in mill work, several types of

motor switches mounted and wired complete, exactly as in the mill, and example of permanent pole line construction, and detail photo- graphs of many of our installations, including those for the Elanger Cotton Mills, Wiscasset Mills Co., (Cannon group), Monarch Cotton Mills, Clinchfield Mfg. Co., Riverside Mfg. Co., the Ware County Light & Power Co., and others.

Mr. Huntington will personally be in charge, and Messrs. J. C. Cum- mings and Carl A. Boy will assist in demonstrating.

#### H. Callaway Mims.

H. Callaway Mims will exhibit in section number 266 a line of leather belting and strappings manufactur- ed by the J. F. & W. H. Warren Co., Worcester, Mass. They will feature Water Proof Belting, run- ning a Water Proof Belt submerg- ed in water during the week.

Section 267 the Dairy Ring Trav- eler Co., of Taunton, Mass., manu- facturers of spinning and twisting travelers. In their exhibit they will feature the finish of their high speed spinning travellers.

The Pyrene Manufacturing Co., manufacturers of fire extinguishers, will also have exhibit in above spaces. They will feature Pyrene extinguishers for electrical hazards. A motor stripped of all insulations will be run submerged in Pyrene. In addition to this the Pyrene Man- ufacturing Co. is furnishing the ex- position with fire extinguishers throughout the buildings.

#### E. H. Jacobs Manufacturing Co.

In space No. 236 the E. H. Jacobs Mfg. Co. of Danielson, Conn., expect to show at Greenville, the various kinds of lug straps and loom pickers and loom strapping that they manu- facture, showing the fabrics that enter into their manufacture and they also intend to show the differ- ent types of lug straps from the be- ginning. They will call it the Evo- lution of the Lug Strap.

#### General Fire Extinguished Company.

The General Fire Extinguisher Co., of Providence, R. I., will exhibit in spaces 513, 514, 515 and 516 at Greenville, a Grinnell sprinkler head in active operation, a line of mill and plumbing supplies as well as power piping material which is manufactured in their Southern plants, covering such items as bent

pipe work, welded work, cast iron material, etc.

They will also have a Nivling pat- ented circulating Size System in active operation showing how this maintains a constant level of size.

## FOR MACHINE DRAWING

The GARLAND  
Loom Harness  
is Preferred in  
Many Mills.

Our loom harnesses are especially well adapted for machine drawing because the eyes are of uniform size, stand square, are in perfect alignment and are open just enough for draw- ing in to the best ad- vantage.

GARLAND  
MFG. CO.



Saco, Maine

# Ashworth Brothers, Inc.

## Tempered and Side Ground Card Clothing

Tops Reclothed.

Lickerins Rewound.

Cotton Mill Machinery Repaired

12 to 18 West Fourth St., Charlotte, N. C.

240 River Street, Greenville, S. C.

127 Central Avenue, Atlanta, Ga.



## DISCUSSIONS BY PRACTICAL MEN

### December Contest.

We are beginning to receive letters from many superintendents and overseers stating that they expect to contribute articles to our December contest.

There could be no more interesting subject than "Cause and Prevention of Uneven Yarn," and it is one that will show how much practical knowledge a man has about cotton manufacturing.

We want our December contest to exceed all other contests and we expect to receive papers that will be filled with practical knowledge.

### A Carding Question.

Editor:

Will some of your readers tell me how to stop roving frames from making tangled roving at top and bottom. I am having considerable trouble.

Carder.

### Humidity For Spinning Room.

Editor:

What is a good humidity in a spinning room? That is when spinning will run better if it is up in the third story of the mills than it will in the bottom story. Is this the case? Is there a certain amount of moisture up in the air that will cause the spinning to run better than below? I would like to hear from some one who has had experience in spinning in the first story, second story and third story of a mill, with about the same grade of cotton and same number of yarn. Is there anything to it or not?

Doff Boy.

### Moisture Test in Sized Warps.

Editor:

How many pounds steam pressure must we have on the slasher cylinders to properly dry our warps for weaving for the best running work on the looms? I have asked the above question time and again as hundreds of others probably have, to be told that it requires long experience on slashers to learn the trick, and will admit it did, but with the following method we can now do the trick accurately in only a very short while, about two hours, to determine what is best for the particular warp being slashed at the particular speed we run our machine.

All slasher rooms should be equipped with grain scales for weighing accurately small pieces of warp, say about 3,000 grains, also having a box with a coil steam pipe running through it for drying the raw, as well as the sized warp.

If we have not the above drying box we can resort to the following crude method of placing say about 3,000 grains of raw yarn after it is weighed on top of boilers for an hour, or until it is dry and weigh again. The difference in weight is moisture. Treat likewise the sized warp for percentage of moisture

and we can accurately set our steam pressure for the results desired, taking note of steam pressure we have on when tests were made. You will find that you are using from one-third to twice as much as it takes to get your warps dry enough for the best results in weaving.

My tests show that for good results we should have about 3 per cent more moisture in sized warps than we have in the raw warp as it comes from warpers, which is from 5 to 7 per cent moisture. I do not know the limit of moisture we can safely leave in our warps, but will say I have had excellent results from warps that had as much as 4 per cent more moisture in the finished warps than there was in the raw warp before it was sized.

I am confident the time will come when superintendents will furnish blanks for the above purpose and will demand daily reports from the slasher department as are now demanded of the carding, spinning, and cloth departments.

There have not been any improvements to speak of made in slashing, its machinery arrangement, appliances, and methods of applying the starch to the warps in forty years and nearly all mill men accept the old way of sizing and say, "I am not sure I am right, but will let it go as it is." The slasher department has been badly neglected; more so than any other department in the mill, yet it is one of the most important departments around the plant. I have seen some of the best yarn ruined on slashers, and again I have seen poorly carded and spun yarn made on slashers that ran fairly well in weaving.

There is no excuse for a hot, foul and filthy room. There is no reason why the slasher department should not be as nice and clean as the weave, or any other department.

By having our exhaust fan carry the heat from the room as it should do and by having wooden hoods over our cylinders, with cylinders completely covered down to the floor, having only a slit for the yarn to go in and come out, with wooden box over size boxes, exhaust pipe extending into the flue this box to close as nearly air tight the size boxes as it can be made with hinged lids so as to make lap cutting, and changing blankets, we get much better results and keep the hot steam going out through the exhaust pipes and keep the room pleasant and clean.

The flue from size box should not go up through the cover over the cylinders, but through a separate pipe into the exhaust pipe, around the exhaust pipe from the hood.

The wooden cover is preferable even to copper as it will not sweat like metal and is as durable, and more so, than galvanized metal, which sweats and drips all the time on the finished warp on cylinders, and will soon rust out. The wooden

ever should be made to cover the cylinder heads so as to use all the steam for driving the warp only and not the slasher room. When arranged as above it will not take one-third as much steam as we are now using, which means a big saving in fuel also.

The best mills will spend thousands of dollars for the best humidifying systems and go to heavy expense to keep them in repair and operation and go right along and dry the warps hard as a bone and expect to condition them in the short time it takes the warp to weave from the beam into the cloth, which is from 15 to 30 minutes, while we could leave as much moisture in the sized warp as will make it pliant and elastic, without any bad results, if we will keep the right steam pressure on our cylinders. You also will note that you will not have half the knock-off in weaving as the starch will stick better and hold the fibre better if left moist, in the finish.

N. L. W.

### Cliffside Inventors

We have just learned of a transportation device arranged by Maurice Hendrick, a very gifted and brilliant young Shelby boy who is associated with the Cliffside Mills. Mr. Hendrick has put flanged wheels on a Ford touring car and operates it on the Cliffside Railroad with remarkable success. The car can make fine speed and is equipped with a long iron bar extending from an axle to the other so that with a ratchet jack, one man can hoist the car and turn it around.

For years the exhaust from a 500 H. P. engine in the mill has been going to waste. Mr. Lee Packard, formerly of Cleveland County, now superintendent of the big mill is probably responsible for the installation of a contrivance which saves considerable money in the course of a year. The exhaust from the steam engine is run into a tank where it is compressed to cause vacuum which pulls another engine developing 500 H. P. of electricity. At the same cost of 500 horsepower steam, this arrangement now yields 500 electric H. P. in addition to the 500 H. P. steam.—Cleveland Star, Shelby, N. C.

### Southern Textile Association

To the Members of the Southern Textile Association:

You are advised that our next meeting will be held in Greenville, S. C., November 4, 5 and 6th which will be Thursday, Friday and Saturday. You are aware that our meeting is being held in connection with the Southern Textile Exposition, which will be held at the same time the dates being from 2nd to 6th, under the auspices of the Association.

This Exposition is the first of its kind in the South and second in the United States. It is the biggest thing yet undertaken by any other

Textile Association and I am glad to advise that it will be a phenomenal success from every standpoint. We have secured 40,000 square feet of space in the Piedmont and Northern Railway Company's warehouse and every foot has been taken. We have over 200 exhibitors who will show the latest models of every design of textile machinery and supplies.

We will have exhibits from the leading cotton mills showing the fine fabrics and finished products which will be very interesting to the men who are engaged in this line of work.

Exhibits from the different textile schools and welfare departments will be worth the trip. One school will have a loom in operation weaving the badges that will be worn by the members of the Association.

Members will be admitted free to the Exposition on presentation of badges. Ladies will also be admitted free on presentation of badges when registered by some member in good standing. No member will receive badge unless his dues are paid for 1915. All members will be required to register before receiving badge. The secretary's office will be located at the entrance of the Exposition buildings. An information bureau will be located adjoining the secretary's for convenience of the members.

Cheap railroad tickets will be in effect from Georgia, Alabama, Mississippi, Louisiana, North and South Carolina, Virginia and other points East of the Ohio River.

If you have not secured hotel accommodations I will request that you write Thos. R. Riley, Secretary, Post Office Box 572, Greenville, S. C.

I want to urge all members to attend this meeting and to invite others who are interested in the cotton mills to come.

An elaborate entertainment has been provided. Several mill bands will be on hand to render music for the dances and other forms of amusement. Come and bring your overseers, if you are an overseer bring your superintendent, if you are a superintendent bring your president and treasurer.

A. B. Carter, Secretary.

### Soluble Softening Oil.

The Arabol Mfg. Co. state that old-fashioned who are still using tallow as softener, would be greatly astonished at the superior results obtained with their Soluble Softening Oil. They would be struck by the smooth finish of the warps, the easy parting of the threads in the lease rods, the clean and bright appearance of the slash cylinders. They will find the Soluble Softening Oil in the same condition at all seasons: pliable, uniform winter and summer. It is neutral and easily handled. With close woven goods, such as corduroys, velveteens, sateens, umbrellas, goods, cambrics, etc., it gives especially fine results.



# SOUTHERN TEXTILE BULLETIN

Offices: Room 912 Realty Building, Charlotte, N. C.

Published Every Thursday By

**Clark Publishing Company**

**DAVID CLARK, Managing Editor**

**D. H. HILL, Jr., Associate Editor**

## SUBSCRIPTION.

One year, payable in advance.....	\$1.00
Other countries in Postal Union.....	2.00
Single copies .....	.10

Contributions on subjects pertaining to cotton, its manufacture and distribution are requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

## ADVERTISING.

Advertising rates furnished upon application.

Address all communications and make all drafts, checks and money orders payable to the Clark Publishing Company, Charlotte, N. C.

Entered as second class matter March 2nd, 1911, at the post office at Charlotte, N. C., under the Act of March 3d, 1879.

THURSDAY, OCTOBER 21, 1915.

### What Will Cotton Do?

The question that is foremost in the mind of every cotton manufacturer today is "What Will Cotton Do?"

Every time we see a mill president or treasurer he asks us the question as he does every one else but we have learned long ago that the future action of cotton is at best a guess.

We pointed out to the cotton manufacturers early in July that with a greatly reduced acreage it would require an unusual yield per acre to produce a crop of much over 12,000,000 bales. We also expressed an opinion that the small amount of fertilizer which had been used this year would doubtless reduce the yield per acre.

We undoubtedly have a very small crop this year and it has cost the farmer less per pound to raise than any in recent years.

Not owing for fertilizer the farmer is in better position to hold, and as the banks are overflowing with money they are readily willing to loan on cotton. Cotton may not be any higher or much lower except for short periods, but this country is beginning to have a speculative fever and we predict that the cotton market will see many violent and sudden fluctuations.

The mill that covers sales promptly and avoids any speculation will likely finish this season in the best condition.

### Southern Textile Exposition.

The Southern Textile Exposition is to be held at Greenville, S. C., from Nov. 2nd to Nov. 6th, inclusive, under the auspices of the Southern Textile Association, will be the first textile exposition ever held in the South, but its success is assured beyond question.

At a meeting of the Board of Governors of the Southern Textile Association, held at Greenville, S. C., three years ago, the editor of this journal originated the idea of holding a textile exposition in the South and moved the appointment of a committee who would make plans towards that end.

Many efforts were made to induce the Textile Machinery Exhibitors Association to hold an exhibit in the South, but nothing definite could be accomplished and the Southern Textile Association finally decided to hold an independent exhibit.

Robt. F. Bowe, of Greenville, S. C., proved to be the man of the hour and under his leadership the machinery and mill supply representatives of that city shouldered the responsibility of holding an exposition and they have made good.

Practically every salesman and agent in Greenville, S. C., who does business with the textile industry has done his part towards making the Southern Textile Exposition a success and their work should be appreciated by every one.

It was no small undertaking for a city the size of Greenville to handle successfully an exposition, but although it has turned out several times larger than was originally expected they have been equal to the occasion and by hard work and energy arranged for twice the original floor space. Determined also that Greenville should be able to handle the crowd they have arranged for hotel accommodations through the use of rooms at Chicora College, Chick Springs, and other places and every one who attends can be assured of a room.

Exhibits are already arriving in Greenville and are being put in place under the direction of a professional exposition man who has been hired for the purpose.

The Exposition Hall is a busy place, for wiring has to be done, motors installed before the painter and the decorator can put the finishing touches upon the booths.

When the Exposition is opened the Hall will sound like a cotton mill for a large number of the exhibits will consist of machinery in actual operation.

There is no doubt that the attendance will be very large, but we wish to urge every one, from president to section hand, not to miss this great Textile Exposition, which will show all of the latest and most improved machinery.

The educational value alone will be worth the expense but there are also to be a full program of entertainment and amusements. We printed the full program in our last issue and it is everything that any one could ask.

The Southern Textile Association will hold interesting meetings from 12 until 1 o'clock on Thursday, Friday and Saturday of that week and we especially urge every one to be present on Saturday to hear Congressman J. F. Byrnes on "National Labor Legislation."

The men in Greenville have worked night and day and given freely of their time and energy to prepare an exposition that will be well worth seeing.

We believe that the cotton manufacturers of the South will show their appreciation by filling the Exposition Hall every day to overflowing.

Our representatives will be there during the entire week and we hope to see many of our friends.

### Toxaway Mills

Anderson, S. C.

October 16th, 1915.

Mr. David Clark, Editor,  
Southern Textile Bulletin,  
Charlotte, N. C.

Dear Sir: I have just read your able editorial of October 14th, entitled "Uniform Laws," which no doubt will prove of great interest to all concerned. The fight you have been making in this matter is simply further evidence of your zeal in looking out for the interests of the cotton mill owners and textile workers in the South. The policy of your paper is always excellent, and I know of no other similar publication that has worked as hard in the interest of the Southern textile industry. My observation is that the Bulletin is daily growing in popularity with the mill people, and you have our very best wishes for continued success.

Yours very truly,  
B. B. Gossett, President.

### Editorial in Headlines.

The headlines running through Dun's Review last week constitute in themselves about the most striking editorial on the business situation that could be written. The reader sees at a glance such statements as: "Mills and Factories Busy;" "Increasing Demand for Seasonable Commodities;" "All Reports Denote General Expectations of an Active Fall and Winter Trade;" "Mercantile Departments Notably Active and Industrial Plants Generally Busy;" "Wholesale Commodity Prices at Highest Level in Over a Year;" "Notable Expansion in Band Exchanges;" "Record Pig Iron Output;" "Cotton Still a Sensation;" "Notable Advance in Wheat;" "Dry Goods Prices Rising;" "Hides and Leather Strong and Advancing;" "Meats, Provisions, Dairy Products Score Sharp Advance." In short, Old Democratic Depression seems to be showing his baleful head in all directions the country over.—Charlotte Observer.

### Increase in the Export and Consumption of Cotton.

Washington, Oct. 14.—Cotton used during September 498,219 bales, exclusive of linters, compared with 414,864 bales in September last year, the census bureau today announced.

Cotton on hand September 30 in consuming establishments was 1,089,614 against 556,892 bales a year ago, and in public storage and at compresses, 796,500 bales against 1,663,625 a year ago.

Exports during September were 502,631 bales against 125,778 a year ago.

Imports were 26,197 bales against 15,315 a year ago.



## PERSONAL NEWS

O. J. Ellenberg, of the Summer-ville (Ga.) Mills, has let contract for a five room residence.

J. A. Odom has resigned as superintendent of the Manchester Mill, Macon, Ga.

T. A. Hightower has been promoted to superintendent of the Beaver Dam Mills, Edgefield, S. C.

G. W. Yelton of Cowpens, S. C., is now fixing looms at night at the Wallace Mills, Jonesville, S. C.

W. P. Johnson has been promoted from second hand to overseer of weaving at the Buffalo (S. C.) Mills.

A. T. Miller has moved from the Judson Mills, Greenville, S. C., to Concord, N. C.

R. B. Riddle has resigned as overseer of carding at the Fairfield Mills, Winnsboro, S. C.

Berry Sanders of the Gluck Mills, Anderson, S. C., was hit last week by a trolley car and very severely injured.

Z. M. Floyd has resigned as superintendent of the Pelham (Ga.) Mills, and accepted a similar position with another Georgia mill.

Zack L. Underwood has become second hand in spooling and warping at the Edna Mills, Reidsville, N. C.

P. A. Stough, treasurer of the Cornelius (N. C.) Cotton Mills, underwent an operation this week, but is reported as doing well.

W. J. Bridgeman, of the Arcadia Mills, Arcadia, S. C., has accepted the position of overseer of weaving at the Pickens (S. C.) Mill.

Alex R. Howard, formerly secretary of the Gibson Mills, Concord, N. C., but now of New York, was a visitor in Concord this week.

Mack R. Yann has accepted the position of foreman of the knitting department of the Priscilla Mills, Meridian, Miss.

E. J. Wolfe has resigned as overseer of weaving at the Pickens (S. C.) Mill and will move to his farm at Roebuck, S. C.

R. S. Linder, of Cowpens, S. C., is now foreman of the slashing department of the Wallace Mills, Jonesville, S. C.

E. M. Childress has resigned as second hand in No. 3 weave room at the Dan River Mills, Schoolfield, Va., to become overseer of weaving at the Rhodhiss (N. C.) Mfg. Co.

J. L. Gault, who has been manager of the company store at Enoree, S. C., has accepted the position of book-keeper at the Gault Mfg. Co., Union, S. C.

W. O. Bryson has accepted a position as fixer in the card room of the Buffalo (S. C.) Mfg. Co.

W. T. Corn has resigned as overseer of weaving at the Buffalo (S. C.) Mills.

W. P. League, overseer of weaving at the Glenwood Mills, Easley, S. C., has purchased an Overland touring car.

W. P. Loftis has resigned as superintendent of the Ida Yarn Mill, Laurel Hill, N. C., to become overseer of spinning and twisting at Marlboro Mills, McColl, S. C.

J. W. Lee has been promoted from a position at the Springfield Mills, Laurel Hill, N. C., to superintendent of the Ida Yarn Mill, of the same place.

L. L. Clippard has resigned as superintendent of the Beaver Dam Mills, Edgefield, S. C., and accepted a similar position at the Enoree Mfg. Co., Enoree, S. C.

W. E. Burt has resigned as overseer spinning at the Inman (S. C.) Mills, to accept a similar position at the Drayton Mills, Spartanburg, S. C.

S. M. Arrington has resigned his position at the Swift Mfg. Co., Columbus, Ga., to become superintendent of the Manchester Mills, Macon, Ga.

Z. R. Lytton, superintendent of National Cotton Mills, Lumberton, N. C., was called to Gastonia, N. C., last week by the illness of his mother.

### Chas. S. Sullivan Dead.

Chas. S. Sullivan, president of the Sullivan Hardware Company, of Anderson, S. C., and a director in the Brogon Mills, Anderson, and the Calhoun Falls Mills, Calhoun Falls, S. C., died suddenly of apoplexy at the Gresham Hotel, in Columbia. Mr. Sullivan was one of the foremost business men of his State, having an interest in many of South Carolina's most successful enterprises. He was 49 years old and is survived by his wife and four children.

### T. H. Rennie Visitor in Augusta.

T. H. Rennie, of Pell City, Ala., is in Augusta, and is being given a most cordial greeting by his friends—and he has them on every hand.

Mr. Rennie was for a long time superintendent of the Graniteville Company. He left Augusta about eight years ago to take charge of the cotton manufactory his is conducting so successfully in Alabama.

When he lived here Mr. Rennie was most popularly regarded by those who knew him—and almost everybody in Augusta knew him; and this regard for him is still held by Augustans.—Augusta Chronicle.

## ALBANY

Lubricates mill machinery without waste.



## GREASE

Send for samples and cup and try it. No charge. Write now.

YOUR DEALER SELLS ALBANY GREASE

ALBANY LUBRICATING CO., 708-10 Washington St., NEW YORK

### W. D. Burgess.

Mr. W. D. Burgess, for years a leading business man of High Point, as owner and manager of the Peerless Machine Works, has sold his beautiful home in High Point, and has purchased a home in Mt. Airy. He has also bought the Laurel Hill Cotton Mill at that place, and will take charge of, and operate the said mills. Mr. Burgess is a son of the late W. H. Burgess. His father, W. H. Burgess, was a miller and wool carder, and operated the wool carding machine at Cedar Falls and Franklinville. At one time he operated the carding machine in the Bald Mountain Custom Mill in Davidson county just before the Civil War. Mr. Burgess and his splendid family have an unusually wide circle of friends in High Point acquired during their 17 years residence there. Mr. Burgess went to High Point from Liberty and has been actively identified with the business

of that community. By his executive ability he has built up a successful business, and his departure will be keenly felt.—Ashboro (N. C.) Courier.

### Osage Mill Bessemer City, N. C.

C. J. Huss.....Superintendent  
J. L. Kerley.....Carder  
J. S. Davis.....Spinner  
George G. Boone.....Weaver  
G. B. Crosby.....Cloth Room  
A. E. Bolin.....Engineer  
Frank Gray.....Master Mechanic

### Jennings Cotton Mills Lumberton, N. C.

B. s. Doby.....Superintendent  
A. H. Sloan.....No. 4 Carder  
H. L. Sedberry.....No. 1 Spinning  
R. B. Rogers.....No. 1 Carding  
there. Mr. Burgess went to High Alex. Dawkins.....No. 2 Spinning  
C. Singletary.....Master Mechanic  
D. M. Hayes.....Shipping Clerk

# Starch

## SPECIAL STARCHES

We have made a study of the requirements of the industry and now manufacture special starches adapted to every requirement of cotton manufacture. Our brands of Textile Starches are the results of years of scientific investigation coupled with practical experience. We are prepared to study the requirements of the mill and supply starches which will produce the best results at minimum prices.

For full information address  
**Corn Products Refining Co.,**  
**New York City**

SOUTHERN OFFICE

Greenville, South Carolina.

# Starch



## MILL NEWS ITEMS OF INTEREST

**Blacksburg, S. C.**—The Broad River Mill has begun night night operations.

**Cliffside, N. C.**—Cliffside staple gingham, handled by the Cone Export & Commission Co., have been marked up 1-4 cent a yard.

**Salisbury, N. C.**—The Salisbury Cotton Mills, which have for some time been running five days resumed full time on Oct. 11th.

**Sycamore, Ala.**—The Sycamore Mills, that have been going on three days, pushed up this week to four and a half days.

**Taylorsville, N. C.**—The Taylorsville Cotton Mill are replacing their old engine with a new one of the very latest type engines made by a Detroit company.

**Abbeville, S. C.**—The Abbeville Cotton Mills are installing a drinking water system which will be supplied from artesian wells.

**Spartanburg, S. C.**—Arkwright Mills have started up again on full time with plenty of help.

Tucapau and Fairmont Mills have been compelled to run on short time on account of low water.

**Belmont, N. C.**—At a meeting of the stockholders of the Majestic Manufacturing Co., the regular quarterly dividend of five per cent was declared.

**Anderson, S. C.**—The annual meeting of the stockholders of the Anderson Cotton Mills was called to order in the office of the company last Wednesday, and was adjourned until the second Tuesday in November. No business was transacted.

**Lafayette, Ga.**—The Walker County Hosiery Mills were shut down Thursday morning and will remain closed for the remainder of the week. The Union Mill expects to shut down Friday at noon, while at the Lafayette Mill their employees will be given Saturday to take in the fair.

**Blacksburg, S. C.**—A meeting of the stockholders of the Broad River Mill, of Blacksburg, will be held in Gaffney on November 15th for the purpose of considering a resolution of the directors to increase the capital stock from \$50,000.00 to \$150,000.00. Dr. W. C. Hamrick is president of the mill.

**Sand Springs, Okla.**—It is locally reported that the plan to establish a cotton mill here is nearing realization. The capital stock of the company is \$500,000, and of this shares to the amount of \$255,000 have been sold. According to reports, Charles Page and associates are largely interested in the enterprise, which will employ about 1,000 operatives.

**Gadsden, Ala.**—Movement has been begun for organization of company on co-operate plan to establish and operate cotton mill, it being proposed that capital stock shall be \$1,000,000; plans provide that cotton growers may pay for stock in cotton.

**Blacksburg, S. C.**—The work of building the new cotton mill here will be rushed as rapidly as possible so as to get as near completed as can be before bad weather sets in. Dr. Hamrick, in speaking of the proposed improvement says he will in addition to the two story mill and additional warehouse add such other improvements as are generally found in other towns that have mills of this size and perhaps more. The mill will be two stories high and will add 5,500 spindles to the 4,573 now running, 250 looms and the large warehouse will be added and other needed buildings.

**Belmont, N. C.**—At a meeting of the stockholders of the Climax Spinning Company, the new cotton mill now being organized here, the following directors were elected: A. C. Lineburger, D. E. Rhyne, R. L. and S. P. Stowe and W. B. Pruett. These in turn elected the following officers: A. C. Lineberger, president; D. E. Rhyne, vice president; S. P. Stowe, secretary and treasurer. The new mill has an authorized capital of \$300,000, with the entire amount already taken up. Twenty thousand spindles will be installed. This mill will be under identically the same management of the Majestic.

**Natchez, Miss.**—The Natchez Cotton Mills, idle since January, 1914, will be sold at public auction under the management of J. E. Conant & Co., Lowell, auctioneers, on Wednesday and Thursday, Oct. 27 and 28, the sale to continue for about six hours, from 10:30 each day.

The present owners of the plant, through Vice President A. B. Learned, announce that all the possessions of the Natchez Cotton Mills Co. are to be turned into money and that it has been decided to enter into voluntary liquidation and full retirement from business. Vice President Learned's statement in full follows:

"The company has decided to re-

tire from manufacturing. Neither plant will be started up again under the present ownership. The business is to be wound up. The mill real estate, among the best in the South, the machinery and the extensive renting realties are to be dispersed in lots to suit purchasers at unrestricted and absolute public sale upon the premises at Natchez, Miss., regardless of any condition of the weather, on Wednesday, Oct. 27, and Thursday, Oct. 28, in accordance with the terms and conditions and the order of sale, which are set forth in a catalogue. There will be no limit or reserve of any kind whatsoever. Everything is pledged in lots to the highest bona fide bidders who comply with the terms and conditions of sale." The properties are all free from encumbrance.

The catalogue describing and illustrating the mills, the machinery, conditions and terms of sale, transportation facilities, labor and the city in general, may be obtained upon application to the auctioneers, J. E. Conant & Co., at Lowell, Mass., who will also furnish any other information desired. The properties will be thrown open for examination and inspection daily during the entire week preceding the days of sale.

**Anderson, S. C.**—The annual meeting of the stockholders of the Brogon Mills were held last Tuesday.

After a careful report as to conditions now existing at Brogon the stockholders unanimously adopted the following resolution:

Resolved, That this meeting heartily and unanimously endorses and approves the course of the management in shutting down the mill for curtailment, and that we express our confidence in the wisdom of the management in whatever course it may be found to be wisest to take in the future.

This meeting was marked by the largest number of shares of stock ever being represented at any time in years. J. W. Dorsey of New York and Mr. Garsed of Charlotte, representative of the Crompton & Knowles Loom Works, were the out-of-town stockholders present.

The board of directors was re-elected, the board being composed of the following gentlemen: G. M.

Whitin, Whitinsville, Mass.; George A. Draper, Hopedale, Mass.; C. R. Makepeace, Providence, R. I.; J. W. Dorsey, New York; Jas. P. Gossett, Williamston, Jas. D. Hammett, Anderson, H. H. Watkins, Anderson, B. B. Gossett, Anderson, and C. S. Sullivan, Anderson.

The old officers were re-elected at a meeting of the board of directors held subsequent to the meeting of the stockholders. The officers are: Jas. P. Gossett, president and treasurer; B. B. Gossett, vice president and assistant treasurer, and G. T. McGregor, secretary.

### Graniteville Mfg. Co. Suspends Operations.

**Augusta, Ga.**—Very considerable surprise, but no alarm, has been occasioned by the announcement that the Graniteville Manufacturing Co. has been forced to suspend operations in all of its three mills—the Graniteville, Vaucluse and Hickman Cotton Mills—on account of financial troubles.

The suspension took place last week. It is believed, however, that the suspension will be only temporary, inasmuch as the creditors of the mills, as well as the stockholders, are actively at work to adjust matters.

At a meeting of the creditors, it was decided to take no action until the stockholders meet October 28th.

No definite statement as to the Graniteville Company's indebtedness can be secured for publication, but it is known to be in excess of \$500,000 and may approximate \$800,000; but the company is known to have quick assets worth several hundred thousand dollars.

According to the company's last annual statement, its physical assets, real estate, machinery, etc., were worth \$2,100,000, and its surplus over all liabilities, was put down at \$750,000. In addition to the companies three mills, it owns 13,000 acres of land at and near Graniteville, while the three mills are said to be in practically perfect physical condition, being equipped with Draper looms and the most modern machinery throughout.

From what can be learned, the company has not been losing money during the past year; on the contrary, its financial condition is said to have improved during the past twelve months, but it went heavily into debt some years ago to build the new Hickman Mills and make other extensions and improvements, so that it has been carrying a large bill payable account for some years.

President Tracy I. Hickman issued the following statement:

"The inability of the Graniteville Companies to place an issue of some \$170,000 preferred stock, owing to hard times, war conditions, etc., has made it necessary to call a meeting of the larger creditors for Thursday, in Augusta, to discuss the situation and if possible, to provide

HEADQUARTERS  
SOUTHERN TEXTILE ASSOCIATION MEETING  
November 2d to 6th  
OTTARAY HOTEL  
GREENVILLE, S. C.



funds to conduct the mills. The mills are in almost perfect physical condition, having recently completed installations of Draper looms throughout and other new and modern machinery aggregating in the past three years an expenditure of about \$250,000.

"One of the troubles of the mill has been the lack of capital, and it is undercapitalized by several hundred thousand dollars, the total capitalization being \$816,000.

"Then, too, the very low price of cotton goods during the past three years has rendered it impossible to make money.

"A full statement of the condition of the company will be issued to all creditors within a short time, and in the meantime they may rest assured that they are absolutely secured in every way, as the property is worth infinitely more than the liabilities.

"It is sincerely hoped that the stockholders will rally to the support of the company and thus save their own stock."

The Graniteville Manufacturing Company was formed by the late William R. Gregg and its original Graniteville mill was built in 1840. With the possible exception of the Augusta factory, it is the oldest cotton manufactory in this section.

The late H. H. Hickman succeeded Mr. Gregg as the executive of the company. Out of the earnings of the Graniteville mill, Mr. Hickman built the Vaucluse Mill, twelve miles up the Southern. Mr. Hickman also began the construction of what afterwards was called the Hickman Mill, on the same site as the Graniteville Mill and adjoining that manufactory.

Tracy I. Hickman succeeded to the presidency of the company when his father, H. H. Hickman, died, twelve or fourteen years ago.

The company is capitalized at \$1,000,000, of which \$815,000 has been issued.

It operates about 55,000 spindles—20,000 for the Hickman Mill; 20,000 for the Graniteville Mill and 15,000 for the Vaucluse Mill.

About 950 to 1,000 people are employed by the company.

No definite plan of reorganization has yet been agreed upon for the Graniteville Manufacturing Company. However, the Augusta stockholders held a preliminary meeting.

Preparatory to the meeting of the stockholders on October 28th, a steering committee has been appointed to work out some plan of reorganization to be submitted at that meeting. Mr. Wm. Martin is chairman of the committee and the other members are Messrs. Bryan Cumming, R. Roy Goodwin, W. E. Mikel, of Augusta, and Mr. Henry R. Buist, of Charleston. It is, of course, impossible to figure accurately upon any plan of reorganization until the audit of the books of



## A Humidifier Your Help Will Like

Some humidifying systems have an excess of parts. And you say what do I care whether they like it or not. Just a moment. Yes, you do. Because if they don't like it—or anything else—they are going to do one of two things—put it on the bum, or get another job.

And you and I lose.

I know a factory where there are Turbos and another humidifier. The help prefer a job in the Turbo rooms. Perhaps because all the other equipment is new and runs well.

But the funny part of it is they keep applying to the Super for a chance to get a job in the rooms where the Turbos are.

### THE G. M. PARKS CO.

Fitchburg, Mass.

Southern Office Commercial Building, Charlotte, N. C.

J. S. COTHRAN, Manager.

the company shall have been completed.

The resignation of Tracy I. Hickman as president of the company was accepted by the board of directors, October 14th and Samuel A. Fortson has been elected president ad interim.

The following letter to the creditors of the company has been mailed by Messrs. E. H. Callaway, L. C. Hayne and W. B. White, creditors' committee:

"The undersigned represent the largest creditors of the Graniteville Manufacturing Company. It is earnestly desired that a change in management should be made, and an arrangement reached by which a working capital may be obtained on a co-operative plan between the creditors and the stockholders, in order that the valuable property of the company should not be sacrificed by legal proceedings,—hence, we invite you as a creditor of the company to meet with the creditors and stockholders at the office of the Graniteville Manufacturing Company, at Graniteville, South Carolina, on the 28th day of October, at 11 o'clock, for a general conference on the subject.

"We trust in the meantime that no legal steps will be necessary to preserve the property, and that at that meeting proper arrangements may be made between the creditors and the stockholders to keep the mills in running condition.

"From the information we have, we think that the property and assets of the corporation are as valuable that, if properly conserved, all creditors will be paid in full, and the stock of the company still remain valuable.

There is talk of plans for the reorganization, including a levy on the shares; stockholders of record buying the unplaced preferred stock and other suggestions. Nothing definite can be known in advance of the action of the steering committee.

### Removal Notice.

We are pleased to announce the removal of our factory and main office to our new building at northwest corner Sixth and Spring Garden Streets, where we will be able to greatly increase our facilities for prompt and efficient service.

Many thanks are extended to our customers for the business which has made this change possible and necessary.

Philadelphia Belting company,  
Philadelphia, Pa.

### Installing Indigo Mixer.

The Hamilton-Carhartt Cotton Mills will install an indigo mixer so that they can purchase natural indigo in blocks and grind it for their use.

## TEXTILE BOOKS

Carding and Spinning, by G. F. Ivey.—Price \$1.00. A practical book on carding and spinning which will be found useful.

Carding Lessons for the Mill Boy—Vaughan—Price \$1.00. A practical carder. Written especially for young carders.

Cotton Mill Processes and Calculations—By D. A. Tompkins—Price \$5.00. An elementary text book for textile schools and self-instruction. Every operation in the ordinary cotton mill is explained simply and with the use of illustrations. Contains much information of value to the experienced man. 395 pages; 33 illustrations; cloth.

Plain Series of Cotton Spinning Calculations—by Cook—\$1.00. A unique and valuable book giving the calculations used in mixing, carding, drawing, and spinning cotton, also original drawings showing points where changes of drafts, speeds, etc., should be made. Setting, production, doublings. 90 pages; freely illustrated; cloth.

### CLARK PUBLISHING COMPANY

CHARLOTTE, N. C.

## AMERICAN MOISTENING COMPANY

BOSTON, MASSACHUSETTS

WILLIAM FIRTH, President

FRANK B. COMINS, Vice-Pres. and Treas

THE ONLY PERFECT SYSTEM OF AIR MOISTENING  
COMINS SECTIONAL HUMIDIFIER

JOHN HILL, Southern Representative, 1014 Healy Building, ATLANTA, GEORGIA



## Cotton Goods Report

New York.—The demand for cotton goods continued to broaden out last week. Buyers were more willing to take finished goods for future delivery, and prices on finished goods are steadily going up. The mills have become very firm in turning down business that does not show them a good profit. There were a good number of buyers in the market for bleached cottons, staple brown goods, staple colored goods and other staples to be delivered two or three months from now. The jobbers named a steady advance in their prices and this had the effect of inducing purchases for future delivery that retailers have been considering for many months.

Mills which make well known lines of bleached goods are becoming more and more reluctant to sell on long future contracts, even at the higher prices which have been named. Some of these goods are held "at value" for future delivery and prices are subject to advance without notice. Buyers are finding it hard to adjust themselves to the new prices on finished goods, as they have been able to get all of these goods they wanted at their own prices, but the firmness in prices has convinced them that a new idea of values has been reached. Prices on finished goods are not yet on a parity with the price of raw cotton and gray goods, and it is certain that prices will be further advanced.

It is thought that advances on prints will be named in the near future, especially on the blue and partly solid work. Tickings, denims, dress gingham, and several other lines, are being held at value, which is bothering the buyers and those who did not place orders for colored goods a month or more ago are now anxious to get down orders for goods for later delivery.

Cotton duck continues to be in a very strong position. Buyers have been surprised at prices named in government contracts and they are now willing to place large orders at almost any price. Many of the mills are so busy for the next month that they cannot take on any new business at any price. Drills and sheetings are irregular as some of the mills are in a position to sell spot and nearby goods at fairly low prices. Many lots have been cleaned up and the general tone of the market is much firmer than it has been.

More business could be done on fine and fancy cottons with the mills if prices were not being advanced so radically. Many offers made to mills have been declined in the past few days, and many of the staples in very fine numbers have been jumped to levels that have not been touched in years. Both jobbers and retailers are disposed to stock upon many fine plain goods that have been carried in the smallest possible lots for many months and even years. The advances in silk and cotton specialties have been active. Trading has been good on

many lines this fall. There are still many low priced goods in various quarters, but on goods to be made very high prices are asked.

Trading in the Fall River print cloth market last week was somewhat smaller than it was during the previous week, but the market continued strong and prices firm. The mills have not become free sellers yet, but they are now disposed to move more of their goods and more willing to sell on contract. Deliveries on future contracts made last week did not extend beyond the first of the year, and neither buyers nor sellers seem to want to go beyond that date. Buyers were a little more cautious about placing business. On the whole, the conditions in the market were not as good as those of the last two weeks, and the general demand was not so strong. Yet the situation is still far better than it was before the recent improvement shown here and mill men still regard the outlook as very favorable.

Prices on cotton goods in New York last week were as follows:

Print cloth, 28-in. std 3 5-8	—
28-inch, 64x60s	3 1-2
Gray goods, 39-inch,	
68x72s	5 3-8 5 1-2
38½-inch, 64x64s	4 7-8
4-yard, 80x80s	6 1-2 6 3-4
Brown drills, tsd.	7
Sheetings, So. std.	7 1-2
3-yard, 56x60s	7 7 1-4
4-yard, 56x60s	6
4-yard, 48x48s	5 1-4
4-yard, 44x44s	5 1-2
5-yard, 48x48s	4 3-4
Denims, 9-ounce	4 1-4
Selkirk, 8-oz., duck	11 1-2
Oliver, Extra, 8-oz.	11 1-2
Hartford, 11-oz., 40-in	
duck	15 1-4
Woodberry sail duck	21 1-2%
Mt. Vernon wide o'k.	35%
Ticking, 8-ounce	11 1-2
Standard prints	5 1-4
Standard gingham	6 1-3
Fine dress gingham	7 1-2 8 3-4
Kid finished cambrics	4 1-4 4 1-2

### Hester's Weekly Statement.

Comparisons are to actual dates not to close of corresponding weeks.

In thousands bales	
In sight for week	441
In sight same 7 days last year	402
In sight for the month	953
In sight same date last year	794
In sight for season	2,535
In sight same date last year	1,600
Port receipts for season	1,604
Port receipts same date last year	804
Overland to mills and Canada for season	
Overland same date last year	
Southern mill takings for season	541
Southern same date last year	318
Interior stocks in excess of Sept 1	303
Interior last year	425
Foreign exports for week	162
Foreign same seven days last year	61



**Our Spinning Rings** SINGLE OR DOUBLE FLANGE  
START EASIEST, RUN SMOOTHEST, WEAR LONGEST  
**Pawtucket Spinning Ring Co.**  
CENTRAL FALLS, R. I.

**RICHARD A. BLYTHE**

(INCORPORATED)

**Cotton Yarns Mercerized and Natural**

ALL NUMBERS

505-506 Mariner and Merchant Building

PHILADELPHIA, PA.

## The Desirability of the South

as the place to manufacture cotton goods is illustrated in the increase of 67% quoted by census department. We can offer attractive situations for those desiring to enter this field.

**J. A. PRIDE**

General Industrial Agent Seaboard Air Line Railway

NORFOLK, VIRGINIA.

## You Can Reduce Weaving Costs

Send us a worn shuttle with completely filled bobbin and state kind of goods woven and name of loom. These will explain your needs and help us to design an efficiency shuttle for your requirements. This shuttle has the approval of loom builders and weaving experts. It should help you to weave better fabric at a lessened expense.

**SHAMBOW SHUTTLE COMPANY**

Woonsocket, R. I.

87 Foreign for season	945	year	3,268
53 Foreign same date last year	281	Of this the total American this week	3,473
Northern spinners' takings and Canada for week	73	Of this the total American last week	3,913
318 Northern same 7 days last year	59	Visible in U. S. this week	1,896
Northern for season	309	Visible this date last year	1,026
303 Northern to same date last y'r	280	Visible in other countries this week	2,719
Statement of World's Visible Supply		Visible this date last year	2,241
Total visible this week	4,615	All other kinds this week	1,141
Total visible last week	4 473		
61 Total visible same date last			



# The Yarn Market

Philadelphia, Pa.—There was little trading in the yarn market here last week, interest being chiefly in the World's Series. The new business put through was small in volume. The high prices have put an end to speculative buying, or buying in anticipation of probable needs, and manufacturers are taking only what yarns they need. Deliveries on old contracts were good last week, and collections were fair.

Combed yarns have showed no signs of a decline in price, but there are indications that these yarns are going higher still, especially if the demands quicken somewhat. The demand is not strong now, but prices are high and stiff, due to the cotton situation.

Spinners are steadily marking up their prices on carded knitting yarns. There were some sales of carded yarns from stock at prices lower than spinners would consider. Prices on weaving yarns showed considerable variation last week, but the mill men held firmly to quoted prices, especially on the finer numbers, in which staple cotton is used.

The hosiery trade continues very spotty, and some manufacturers do not regard the outlook as very promising, as the prices of dyes continue to go higher and manufacturers now have to pay much higher prices for their yarns. They have advanced their prices, but these are not enough to cover the increased cost of dyes and yarns, yet very few of them are getting new business at this advance. Carded yarn hosiery mills, turning out white goods, are reported to have booked sufficient business to keep their plants running at capacity for some time to come.

## Yarn Quotations.

The following prices were quoted in New York on Monday, October 18.

### Southern Two-Ply Skeins.

4s to 8s	18	—21
10s to 12s	20	—21
14s	21	—22
16s	21	—22 1-2
20s	22	—
24s	24	—
26s	23	1-2—
30s	25	1-2—26
36s	32	—33
40s	33	—35
50s	39	—40
60s	47	—48
3-ply 8s upholstery	19	—
4-ply 8s upholstery	19	—

### Southern Single Skeins.

4s to 8s	17	1-2—19
10s	19	1-2—
12s	20	—20 1-2
14s	20	—21
16s	21	—
20s	22	—
22s	22	—
26s	—	—23 1-2
30s	—	—26

### Southern Single Chain Warps.

10s to 12s	20	—20 1-2
14s	20	—21
16s	21	1-2—
20s	22	—
22s	22	1-2—
24s	—	—23
26s	—	—23 1-2
30s	—	—26
40s	—	—36

### Southern Two-Ply Chain Warps, Etc

8s to 10s	18	1-2—20 1-2
12s to 14s	21	—21 1-2
2-ply 16s	21	1-2—22 1-2
2-ply 20s	22	—22 1-2
2-ply 24s	23	1-2—24
2-ply 26s	24	—24 1-2
2-ply 30s	26	1-2—
2-ply 40s	35	—36
2-ply 50s	40	—41
2-ply 60s	47	—

### Southern Frame Cones.

8s	19	1-2—20
10s	20	—
12s	20	1-4—
14s	20	3-4—
16s	21	—21 1-4
18s	21	1-2—
20s	21	1-2—
22s	22	—
24s	22	1-2—23
26s	23	1-2—
22s fleece colors	22	1-2—
30s	25	1-2—
40s	32	—

### Eastern Carded Cops.

10s	22	—
11s	22	1-4—
12s	22	1-2—
14s	23	—
16s	23	1-2—
18s	24	—
200	23	1-2—24 1-2
22s	24	—25
24s	24	1-2—25 1-2
26s	25	1-2—26 1-2
28s	26	1-2—27 1-2
30s	28	—30

### Eastern Carded Peeler Skeins and Warps.

20s, 2-ply	27	—
22s, 2-ply	27	1-2—
24s, 2-ply	29	—
26s, 2-ply	20	—
30s, 2-ply	31	1-2—33
40s, 2-ply	35	1-2—37
45s, 2-ply	36	1-2—39
50s, 2-ply	46	—48

### Charges Dismissed

After a full hearing of the case at Spartanburg, S. C., Magistrate L. K. Jennings dismissed charges of assault and battery with intent to kill, brought against Grady Settlemyer, bookkeeper at the Clifton No. 1 store.

It was alleged that Mr. Settlemyer assaulted C. E. Gentry, who entered the store on September 28. The dispute between the two men arose, it is said, over an account.

## The Dyestuff Situation.

Continued from Page 6)

by the former agree to purchase definite quantities of definite dyes at definite prices, both parties taking a certain risk in the determination of the prices. Under this arrangement the mills that have entered into it are relieved from any worry regarding their future supplies, and the manufacturers are enabled to erect plants and contract for raw materials with an assurance of some financial return. As a result, one dyestuff manufacturer has been enabled to increase his annual output by 7,000,000 pounds, and others have attained corresponding increases.

The time for scientific theories and elaborate financial propositions has passed. The life of the textile industry depends upon its immediate supply of dyestuffs and these can be procured from the present domestic manufacturers only, and those mills that have not previously recognized this fact had better make immediate arrangements, or they will find that even the present enormous increase in the domestic production of dyes will be insufficient to supply those who come too late.

The end of the war will, undoubtedly, see an almost immediate resumption of the imports of foreign-made dyes, with the competition in quality and the price which will naturally accompany it, but the date of that event is too uncertain for the textile mills to hazard their immediate existence, and hence while this future supply should be borne in mind, the present needs must have first attention.

The demand for dyestuffs is a commercial one that can be met only in a commercial and business manner.

Government investigations may lead to future improvements, but the present shortage demands a present supply, and the existing market is the only place to purchase.—Textile Colorist.

## Jute-Market Conditions

The receipt of the final forecast of the Indian jute crop, according to the Glasgow Herald of September 22, had no effect on the Dundee (Scotland) market one way or the other. The final estimate places the current season's acreage in India at 2,377,000, against 3,358,737 acres last year; and the yield at 7,428,733 bales (of 400 pounds), against 10,531,505 bales. The yield is 3.13 bales per acre, which is in keeping with the result last season, showing that the shortage in India's production this year is due to reduction in the area cultivated.

Though the forecast is so very much reduced Dundee does not regard the situation with anxiety, and in the matter of demand there is little or nothing passing in that market at present. The rate for first marks was \$134.40 for September shipment. With the carry-over from last season and larger-than-usual stocks both in Calcutta and in Dundee at the commencement of the season, a plentiful supply of the fibre is anticipated for the world's consumption.

## THE NORTH CAROLINA COLLEGE OF AGRICULTURE and MECHANICAL ARTS

Young men seeking to equip themselves for practical life in Agriculture and all its allied branches; in Civil, Electrical and Mechanical Engineering; in Chemistry and Dyeing; in Textile Industry and in Agricultural Teaching will find excellent provision for their chosen careers at the State's Industrial College. This college fits men for life. Faculty for the coming year of 65 men; 767 students; 25 buildings. Admirably equipped laboratories in each department.

For catalogue, write

E. B. OWEN, Registrar,  
West Raleigh, N. C.

### "The Clinchfield Route"

## CAROLINA, CLINCHFIELD & OHIO RAILWAY

and  
Carolina, Clinchfield & Ohio Railway  
of South Carolina.

EFFECTIVE AUGUST 9, 1915.

Eastern Standard Time

### Southbound

Lv. Elkhorn City, Ky.	* 3:00
Lv. Haysi, Va.	3:37
Lv. Fremont, Va.	4:10
Lv. Dante, Va.	4:55 *8:30
Lv. St. Paul, Va.	5:30 8:52
Lv. Speer's Ferry, Va.	7:25 10:17
Lv. Johnson City, Tenn.	9:30 11:45
Ar. Erwin, Tenn.	*10:30 *12:25
Lv. Erwin, Tenn.	*5:00 *12:35
Lv. Kona, N. C.	7:18 2:04
Lv. Altapass, N. C.	8:10 2:45
Lv. Marion, N. C.	9:50 3:55
Lv. Bostic, N. C.	11:33 4:57
Ar. Spartanburg, S. C.	*1:30 *6:05

### Northbound.

Lv. Spartanburg, S. C.	*4:50 *11:00
Lv. Bostic, N. C.	6:09 12:10
Lv. Marion, N. C.	7:05 1:05
Lv. Altapass, N. C.	8:20 2:20
Lv. Kona, N. C.	8:57 3:03
Ar. Erwin, Tenn.	*10:30 *4:30
Lv. Erwin, Tenn.	*7:45 *4:35
Lv. Johnson City, Tenn.	8:30 5:15
Lv. Speer's Ferry, Va.	10:35 7:02
Lv. St. Paul, Va.	12:17 8:30
Lv. Dante, Va.	12:40 8:50
Lv. Fremont, Va.	1:25
Lv. Haysi, Va.	1:55
Ar. Elkhorn City, Ky.	*2:30

\*—Daily.

A. M. light face type.

P. M. heavy face type.

Patrons are requested to apply to nearest agent for definite information, or to

CHAS. T. MANDEL,  
Asst. Gen'l Pass. Agent.

J. J. CAMPION,  
V.-Pres. and Traffic Mgr.,  
John City, Tenn.

The last week in September yarns were steady but quiet in Dundee at 91 cents for common 8-pound cops prompt, and at 89 cents for November-December. Hessians were quotably steady, but where a little business was being done there were indications of the acceptance of a trifle less, and this was the case in connection with lightweights. Hessians were obtainable at 9 cents for 10½-ounce 40-inch, and at 7.8 cents for 8-ounce.—Consular Reports.

Advices coming through by mail from China state that stocks of American cotton goods in the Shanghai market have been reduced to 600,000 pieces, compared with a total of 1,021,900 pieces at the beginning of the year.—New York Commercial.



## Warp Stop Motions

At a time when considerable legal action has been

**Freedom** taken re-  
**From** guarding  
**Litigation** warp stop

motions for automatic looms, it appears to us very timely to offer to the textile manufacturers throughout the United States the most efficient, compact and fool-proof stop motion which has ever been devised. This warp stop motion is entirely mechanical and is set in such a way that the drop wires may rest in any position and still produce the desired result. It is without doubt the most profitable investment for a manufacturer and deserves your early consideration.

We positively guarantee our customers against patent litigation of any sort on his device.

Send for descriptive  
folders.

**Hopedale Mfg. Co.**  
Milford, Mass.

## Personal Items

W. P. Barnes has resigned as superintendent of the Griffin Mfg. Co., Griffin, Ga.

R. B. Riddle has resigned as overseer of carding at the Fairfield Mills, Winnsboro, S. C.

J. C. Tipton has resigned as overseer of carding at the Grendel Mill No. 1, Greenwood, S. C.

Geo. H. Anderson, who recently resigned as superintendent of the Maplecroft Mills, Liberty, S. C., has returned to his former position with the Department of Agricultural Technology, at Washington, D. C.

### The Palmer-Owen Bill.

(Continued from Page 7.)

a low rate of interest, while our manufacturers often find it difficult to borrow what they need at a much higher rate. For these reasons I believe that the thoughtful people of our country should not be misled by misguided enthusiasts into the support of a bill that could not but have unfortunate results, if enacted into law.

J. A. Baldwin.

Charlotte, N. C., Oct. 13, 1915.

### Big Textile Fair is Announced.

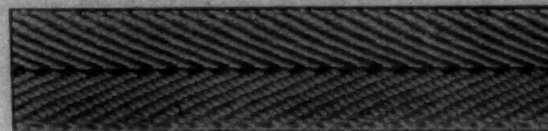
The third great textile fair, given jointly by the Proximity, White Oak and Revolution Cotton Mill and the Proximity Print works, of Greensboro, will be held in the new weave building of the Revolution Mills on Wednesday, Thursday and Friday, October 27, 28 and 29. Exhibits from these three big mills, which formerly occupied a prominent place at the Central Carolina fair, are no longer seen there; but these will be shown in much larger display at the textile fair at the mills. Representing Greensboro's biggest industrial plants, these exhibits have always been of great interest to the people of that city and section. Since the mill fair is to be free to the general public, it is expected that great crowds will go out to view offerings.

But there are to be other big features than a mere display of the products of these big textile mills, which represent an investment of several millions of dollars. The fair, in fact, was begun primarily for the purpose of showing to the public the work of the mill villages along social welfare lines. Besides the products of the mills will be displayed the products of the employees outside the mills. Almost as many lines are covered in these displays as are shown by the average county fair, the only difference being that exhibitors are to be only employees of the mills who reside in the villages. The list of displays for which premiums will be offered includes over fifty articles.

There is also to be a midway, an indoor midway. There is plenty of room in the big weave plant, only recently finished, to allow of the placing of a midway of big proportions, and it is stated that this is just the kind that is being arranged.

## AMERICAN TEXTILE BANDING CO., Inc.

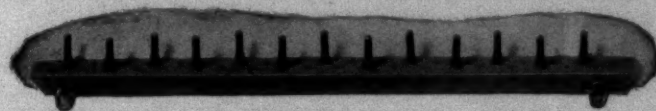
Manufacturers of  
**Spindle Tape**  
And  
**Bandings**



Third and Moore Street,

PHILADELPHIA, PA.

## ONCE TRIED — ALWAYS USED



**RICE DOBBY CHAIN AND PEGS**  
**RICE DOBBY CHAIN CO.,** Millbury, Mass.

W. H. Monty, Pres. & Treas. W. H. Hutchins, V.-Pres & Sec'y

## Southern Spindle and Flyer Co. CHARLOTTE, N. C.

SOUTHERN AGENTS FOR SMYTH-DESPARD COMPANY'S HIGH-GRADE OAK AND CHROME  
TANNED LEATHER BELTING

Quality and workmanship guaranteed, deliveries prompt.

WRITE FOR PRICES.

## YORKSHIRE GUM



Reg. U. S. Pat. Off.



Reg. U. S. Pat. Off.

A Soluble Gum to be used in Warp Sizing. It is especially valuable in this respect as it combines readily with all starches, making a uniform size mixing. Besides making a smooth, pliable warp, users of Yorkshire Gum will find quite a reduction in shedding and loom waste. For this reason we recommend it especially where drop wires are in use. This Gum also attracts moisture very readily and by so doing adds strength and elasticity to the yarn. While giving the very best results in sizing, it is, at the same time, a most economical size. Should use Raw Tallow, Soluble Tallow, or Soluble Oil in addition.

TRIAL BARREL SENT ON APPROVAL. WRITE FOR FORMULA.

### ARABOL MANUFACTURING COMPANY

100 William Street, New York

CAMERON MacRAE Southern Sales Agent CHARLOTTE, N. C.

## PROPER LOCATIONS FOR MILLS.

United States Census figures show that since 1880 the consumption of cotton in mills of the cotton growing States has increased 1,502 per cent, as compared with an increase of only 93 per cent in all other states. In the twelve months ended August 31, 1914 Southern mills consumed 162,097 more bales of cotton than the mills of all other States. Three-fourths, or 9,000,000, of the total cotton spindles in the cotton growing States are tributary to Southern Railway tracks. Of the 200 knitting mills in the South over 125 are located along the Southern Railway. Nearly all the Southern woolen and silk mills are also on Southern Railway tracks.

There is a reason for this, and it is not difficult to understand.

The Southern Railway Lines enter and serve most completely those portions of the South where the textile industry is the greatest success, because there are found all the conditions which makes for successful manufacture—the proper transportation facilities, the ease with which the raw material and the needed fuel may be secured, the supply of good labor, the pure water, the low cost of power, and favorable local conditions.

Not only for textile plants but for all other industries the best advantages will be found in this territory.

If you have a plant to locate, let us take up with you the question of the proper location. Your plans will be held confidential. Our knowledge of conditions at various points and our experience in locating other mills and the time of our agents in making special investigations are at your service if desired.

**M. V. RICHARDS,** Industrial and Agricultural Commissioner,  
Southern Railway,

Room 129,

Washington, D. C.



# Want Department

## Want Advertisements.

If you are needing men for any position or have second hand machinery, etc., to sell the want columns of the **Southern Textile Bulletin** afford the best medium for advertising the fact.

Advertisements placed with us reach all the mills and show results.

## Employment Bureau.

The Employment Bureau is a feature of the **Southern Textile Bulletin** and we have better facilities for placing men in Southern mills than any other journal.

The cost of joining our employment bureau is only \$1.00 and there is no other cost unless a position is secured, in which case a reasonable free is charged.

We do not guarantee to place every man who joins our employment bureau, but we do give them the best service of any employment bureau connected with the Southern textile industry.

## Farm For Sale.

For Sale—100 acres well improved farm, one mile from 15,000 spindle cotton mill, Goldville, S. C. Good schools and churches. New 4-room dwelling. New barn. Two tenement houses, and necessary outhouses. 75 acres are under cultivation. Ideal farm in many respects. Write for further particulars and price to Farm, care Southern Textile Bulletin.

## Wanted.

Overseer for spinning, twisting and warping, in a new 15,000-spindle combed yarn mill, about to be built to make from 40s to 120s. To be located in a clean and healthy town not far from Charlotte, N. C. Good wages to right man. Address "Spinner," care Southern Textile Bulletin.

# FOR SALE

20 Lowell Machine Shop Spoolers, for all practicable purposes, as good as new. These Spoolers will be sold at a bargain.

Also, about 10,000 4½x6-inch Metal Head Spools, all in good condition. Will be sold cheap. Parties interested write

**JACKSON FIBRE CO., Bemis, Tenn.**

WANT position as superintendent of either yarn or weave mill or carder in large mill. Now employed, but want larger job. Good experience and references. Address No. 1240.

WANTED—Position of overseer of weaving, preferably Drapers, at \$4.00 or more per day. 19 years in the weave room. 36 years of age. Married. Total abstainer. Now employed as overseer. Pusher for production, quality and low costs. Present salary inadequate for large growing family. Address No. 1241.

WANT position as superintendent of medium sized mill or overseer spinning in large mill. Have had long practical experience and can furnish excellent references. Address No. 1242.

WANT position as superintendent of weaving mill. Experienced on both white and colored goods. Familiar with all departments and am now employed as superintendent. Address No. 1243.

WANT position as Supt. or manager. Now employed as Supt. but in undesirable location and prefer to change. Long experience and fine references. Address No. 1244.

WANT position as superintendent of either plain weaving or yarn mill. Am all-round practical mill man, but especially strong on carding. Have made a close study of waste problems and am in position to more than save my salary in the waste account. Let me investigate your waste conditions. Correspondence confidential. Address No. 1245.

WANT position as overseer of weaving. Draper or plain looms. Am experienced on drills, duck, osnaburg and sheetings. Can give good references as to character, and ability to get the required production. Address No. 1246.

WANT position as overseer of twisting, spooling and winding. Age 30. Married. Strictly sober. Can give present employers as reference. Address No. 1247.

WANT position as overseer of carding. Now employed, but want larger job. Special experience on combers and fine work. Satisfactory references. Address No. 1248.

WANT position as overseer spinning in small mill or second hand in large mill. 39 years of age, with 27 years experience in spinning. Prefer mill in a small place. Good references. Address No. 1249.

WANT position as overseer of spinning. Reason for changing to better myself. Now employed. Address No. 1250.

WANT position as superintendent of medium sized mill or overseer of spinning. Eight years experience as overseer. Married. 42 years of age. Good references. Can change on short notice. Address No. 1251.

# PATENTS

## Trade Marks and Copyrights

Send your business direct to Washington. Saves time and insures better service.

*Personal Attention Guaranteed*

*30 Years Active Service*

**SIGGERS & SIGGERS**

*Patent Lawyers*

Suite 34 N. U. Washington, D. C.

WANT position as superintendent. Have been superintendent of some of the most prosperous mills in the South and have long experience on a wide variety of goods. Fine references. Address No. 1252.

WANT position as superintendent. Have had 18 years experience as superintendent and held last position 10 years. Can furnish best of references. Address No. 1253.

WANT position as superintendent. Now employed but for good reason prefer to change. Am a good manager of help and have always made good. Satisfactory references. Address No. 1254.

WANT position as superintendent. Now hold traveling position but wish to return to mill. Long experience as superintendent and always made good. Fine references from former employers. Address No. 1255.

WANT position as superintendent or overseer of carding or spinning. Can furnish present and former employers as references. Only reason for changing is that I want larger job. Address No. 1256.

WANT position as overseer of weaving. Have had long experience and am now employed, but for good reasons prefer to change. Fine references. Address No. 1257.

WANT position as manager or superintendent. Would take stock in right mill. Long experience and have always made money for mills I have run. Satisfactory references. Address No. 1258.

WANT position as superintendent or overseer of carding and spinning. Long experience and am now employed. Can furnish satisfactory references. Address No. 1259.

WANT position as overseer of weaving at not less than \$3.00 per day. Now employed and give satisfaction but prefer different kind of job. Address No. 1260.

WANT position as overseer of carding or spinning or both. Have had long experience and can furnish best of references both as to character and ability. Address No. 1261.

WANT position as carder or spinner. Now employed at night and give satisfaction but want day job. Can furnish good references. Address No. 1262.



A THOROUGHLY COMPETENT AND ENERGETIC YOUNG SUPERINTENDENT OF 30 YEARS WANTS larger position. Am practical and capable of giving good service on either plain, fancy or colored goods. Will be pleased to submit references and correspond with any good size mill needing a man. Address No. 1263.

WANT position as engineer and master mechanic. 15 years experience in engine room and shop. Am employed at present but desire to change. Good references. Address No. 1264.

WANT position as superintendent of large mill. Now employed in good size mill and give entire satisfaction but want larger job and am competent to handle one. Address No. 1265.

WANT position as superintendent of yarn mill. Have had long experience and can furnish best of references from former employers. Address No. 1266.

POSITION as superintendent wanted by a practical mill man. Have had 14 years experience as superintendent and thoroughly understand all details connected with the manufacturing of cotton goods. Can give A-1 references as to ability and character. Address No. 1267.

WANT position as mill machinist or master mechanic. Understand cotton mill work and all kinds of brazing. Now employed. Good references. Address No. 1268.

WANT position as superintendent or overseer of large weave room. Have had long experience and handled some of the most successful mills in the South. Can furnish good references and get results. Address No. 1269.

WANT position as overseer of spinning. Am now employed and giving satisfaction, but want better mill. First class references. Address No. 1270.

WANT position as superintendent or office man. Besides having long experience as superintendent, as a thoroughly experienced bookkeeper and accountant. Address No. 1271.

WANT position as superintendent. Prefer a yarn mill. Age 39. Strictly sober. Have held present position six years and can furnish first-class references. Address No. 1272.

WANT position as overseer of carding. Would accept second hand in a large mill. Now employed and have had long experience. Best of references. Address No. 1273.

WANT position as superintendent of yarn mill or as overseer of carding. 12 years experience as overseer and can get results. Married and strictly sober. Address No. 1274.

WANT position as overseer of spinning. Have had long experience and have run large rooms successfully. Can furnish best of references. Address No. 1275.

WANT position as superintendent, overseer of weaving or traveling salesman. Have had experience in such positions and can furnish good references. Address No. 1276.

WANT position as bookkeeper or office man in cotton mill. Eight years experience in cotton mill office work and at present have charge of a mill office. Best of references. Address No. 1277.

AN EXPERIENCED MAN wishes to correspond with a mill that needs a superintendent that can get results. Age 3. Married. Held last position nine years. Gilt edged references. Address No. 1278.

WANT position as superintendent, or carder and spinner. Especially experienced in card room. Can give fine references and good reason for wanting to change. Address No. 1279.

WANT position as carder in large mill or superintendent of small mill on hosiery yarns. Now employed and giving satisfaction, but prefer to change. Good references. Address No. 1280.

WANT position as chief engineer and master machinist. 12 years experience. Strictly sober. Good manager of help and can keep plant in tip-top shape at low cost. Address No. 1281.

WANT position as master mechanic. 20 years experience and can furnish fine references. Have 2 doffers and 1 spinner. Am strictly sober. Address No. 1282.

WANT position as superintendent or overseer of spinning. Age 38. Held last position five years and can furnish very satisfactory references from South Carolina mills. Address No. 1283.

WANT position as carder and spinner. Now employed but have good reasons for desiring to change. Can get results and can give present employers as references. Address No. 1284.

WANT a position as overseer in small spinning room, or second hand in larger room. Have had ten years experience in spinning and spooling. Age 30. Married strictly sober. Address No. 1285.

WANT position as overseer of spinning, spooling, warping and slashing. Have 15 years experience in that line. Married. Can give good references. Address 1286.

WANT position as overseer of spinning or as second hand in large room. Experienced on 4s to 60s, warp, hosiery and mercerizing yarns, single and ply. Married. Age 39. Can furnish references as to ability and character. Address No. 1287.

WANT position as chief engineer or master mechanic. Have 12 years experience and am now employed, but wish to change. Address No. 1288.

WANT position as overseer of weaving. Now employed, but want larger job. Have had long experience as overseer spinning and class of references. Address No. 1289.

WANT position as superintendent or overseer of spinning. Now employed and giving satisfaction but not satisfied with location of mill. Have experience both as overseer and superintendent. Address No. 1290.

WANT position as Superintendent or overseer of spinning. Ten years as overseer. 5 years as Superintendent of Eastern mill. Can furnish good references and would like to locate in the South. Address No. 1291.

WANT position as overseer of spinning or spinning and winding. Would take carding and spinning at night. Have had 8 years experience as overseer spinning and can give satisfactory references. Address No. 1292.

WANT position as superintendent. Have had long experience both as superintendent of yarn and weaving mills and am a good manager of help. Can furnish best of references. Address No. 1293.

WANT position as superintendent or overseer of spinning or overseer of twisting in a duck mill. Have had long experience as overseer and can handle any size room. Address No. 1294.

WANT position as overseer of cloth room. Now employed but want larger room. Age 29. Have common school and Business College education. Can furnish the very best of references. Address No. 1296.

A PRACTICAL mill man wants position as superintendent in a small yarn mill or overseer of carding and spinning in a large mill. Best of references as to work and character. Am now employed as carder, but can change on short notice. Address No. 1298.

WANT position as spinner or carding and spinning. Long experience in cotton manufacturing. Am a competent, energetic young man of 32 years. 22 years in carding and spinning. Am also technical graduate and hold diploma. Now employed as overseer spinning in large mill. Can change on 12 days notice. References. Address No. 1299.

WANT position as superintendent. Have long experience. Am now employed and always gave satisfaction. Reason for changing is better salary. Age 45. Married. Strictly sober. Experienced from ground up on both white and colored work. Address No. 1300.

WANT position as overseer of large card room or as carder and spinner in small mill. 40 years old,

## Commonwealth Hotel

INCORPORATED

Opposite State House, Boston, Mass.



Offers rooms with hot and cold water for \$1, which includes free use of public shower baths.

**NOTHING TO EQUAL THIS IN NEW ENGLAND**

Rooms with private baths for \$1.50 per day; suites of two rooms and bath for \$4.00 per day.

**ABSOLUTELY FIREPROOF**

Temperance House

Send for Booklet

**STORER F. CRAFTS, Gen. Mgr.**

sober, good manager of help and best of references. Getting results is a habit with me. Address No. 1301.

WANT position as carder or spinner or both. Age 45. Married. Strictly sober. Have 20 years experience. Address No. 1302.

WANT position as superintendent of yarn mill or overseer of spinning in a large mill. At present am superintendent. Very wide experience. References from past and present employers. Address No. 1303.

WANT position as assistant superintendent or overseer. Now employed, but would change for larger job. Address No. 1304.

WANT position as superintendent. Have had long experience and have run some of the best mills in the South. Have always made money for my mills. Satisfactory references. Address No. 1305.

WANT position as superintendent or overseer of spinning. Have been on present job three years and am giving satisfaction, but want location where there are better schools. Present employer as my reference. Address No. 1306.

WANT position as overseer of spinning. Best of references as to character and ability as a spinner. Now employed but desire to change. Address No. 1307.

WANT position as superintendent or overseer of spinning. Am a practical man 40 years old. Married. Strictly sober. Experienced from picker to cloth room on white or colored goods. Can furnish good references as to ability and character. Address No. 1308.

WANT position as overseer of carding or as superintendent. Have 20 years experience in mill. 9 years as second hand and overseer of carding. Age 38. Married. Sober. Now employed. Good references. Address No. 1310.



# CLASSIFIED LIST OF ADVERTISERS

**AUTOMATIC MAGAZINES—**

Hopedale Mfg. Co.

**BALING PRESSES—**Boomer and Boschert Press Co.  
Saco-Lowell Shops.**BEAMERS—**T. C. Entwistle Co.  
Saco-Lowell Shops.**BELTING—**American Supply Co.  
Graton & Knight Mfg. Co.  
Philadelphia Belting Co.**BOBBINS AND SPOOLS—**American Supply Co.  
Draper Co.**CARD CLOTHING—**W. H. Bigelow.  
Jos. Sykes Bros.  
Saco-Lowell Shops.**CARDS—**T. C. Entwistle Co.  
Saco-Lowell Shops.**CARD GRINDERS—**

T. C. Entwistle Co.

**CLOTH ROOM MACHINERY—**

Saco-Lowell Shops.

**COMPRESSORS (AIR)—**

General Electric Company.

**COMMISSION MERCHANTS—**

Richard A. Blythe.

**DOBBIES—**Crompton & Knowles Loom Wks.  
The Stafford Company.**DOFFING BOXES—**

Diamond State Fibre Co.

**DRAWING FRAMES—**

Saco-Lowell Shops.

**DRAWING HOLLS—**

Metallic Drawing Roll Company.

**DRINKING FOUNTAINS—**

Puro Sanitary Drinking Fountain Co.

**DROP WIRES—**Connecticut Mill Supply Co.  
Hopedale Mfg. Co.**DYESTUFFS AND CHEMICALS—**American Dyewood Co.  
Arabol Mfg. Co.  
Bosson and Lane.  
Cassela Color Co.  
John P. Marston.  
Faberwerke-Hoechst Co.  
A. Klipstein & Co.  
Seydel Manufacturing Co.  
So. Dyestuffs & Chemical Co.**DYEING, DRYING, BLEACHING  
AND FINISHING MACHINERY—**Philadelphia Tex. Machinery Co.  
C. G. Sargents Sons.  
Saco-Lowell Shops.**DYERS—**

Franklin Process Co.

**ELECTRICAL MACHINERY—**Westinghouse Electric & Mfg. Co.  
General Electric Co.**FIRE HOSE AND FITTINGS—**

American Supply Co.

**FLYER PRESSERS—**

Southern Spindle &amp; Flyer Co.

**GEARS (SILENT)—**

General Electric Company.

**HEDDLES—**

Steel Heddles Mfg. Co.

**HUMIDIFIERS—**American Moistening Co.  
Stuart W. Cramer.  
G. M. Parks Co.**HUMIDIFYING MACHINES—**

C. G. Sargents Sons Corp.

**LOOMS—**Crompton & Knowles Loom Works.  
Draper Company.  
Saco-Lowell Shops.  
Stafford Company.**LOOM HARNESS, REEDS AND  
PICKERS—**American Supply Co.  
Garland Mfg. Co.  
Graton & Knight Mfg. Co.**LUBRICANTS—**

Albany Lubricating Co.

**LUG STRAPS—**Graton & Knight Mfg. Co.  
M. M. Lahue & Co.**METERS—**General Electric Company.  
Westinghouse Electric & Mfg. Co.**MILL CRAYONS—**

American Supply Co.

**MILL SUPPLIES—**American Supply Co.  
Connecticut Mill Supply Co.  
Diamond State Fiber Co.**OVERHAULERS—**

Southern Spindle &amp; Flyer Co.

**PICKERS AND LAPPERS—**

Saco-Lowell Shops.

**PREPARATORY MACHINERY—**

Saco-Lowell Shops.

**PRESSES**

Boomer and Boschert Press Co.

**PUMPS—**

Stuart W. Cramer.

**RAILROADS—**C. C. & O. Railway.  
Seaboard Air Line.  
Southern Railway.**RING SPINNING FRAMES—**

Saco-Lowell Shops.

**RING TRAVELERS—**American Supply Co.  
U. S. Ring Traveler Co.**ROLLS—**American Supply Co.  
Metallic Drawing Roll Co.  
Saco-Lowell Shops.  
Southern Spindle & Flyer Co.**ROVING CANS—**

Diamond State Fibre Co.

**ROVING MACHINERY—**

Saco-Lowell Shops.

**SADDLES—**Dixon Lubricating Saddle Co.  
Graphite Lubricating Co.**SEPARATORS—**

Draper Company.

**SHUTTLES—**

Shamow Shuttle Co.

**SIZING COMPOUND—**Arabol Mfg. Co.  
John P. Marston.  
A. Klipstein & Co.  
Seydel Mfg. Co.  
So. Dyestuff & Chemical Co.**SLASHERS—**

Saco-Lowell Shops.

**SOAPS—**

Seydel Mfg. Co.

**SOFTENERS—COTTON—**Arabol Mfg. Co.  
New Brunswick Chemical Co.  
A. Klipstein & Co.  
Seydel Mfg. Co.  
So. Dyestuff & Chemical Co.**SPINDLES—**Chapman Gravity Spindle Co.  
Draper Company.  
Dixie Spindle & Flyer Co.  
Southern Spindle & Flyer Co.**SPINNING RINGS—**Connecticut Mill Supply Co.  
Draper Company.  
Whitinsville Spinning Ring Co.  
Pawtucket Spinning Ring Co.**SPOOLERS—**Draper Co.  
Saco-Lowell Shops.**STARCH—**Corn Products Refining Co.  
Keever Starch Co.**TEMPLES—**Draper Company.  
Hopedale Mfg. Co.**TURBINES—**General Electric Company.  
Westinghouse Electric & Mfg. Co.**TWISTERS—**Draper Company.  
Saco-Lowell Shops.**WARP STOP MOTIONS—**Crompton & Knowles Loom Works  
Draper Company.  
Hopedale Mfg. Co.  
The Stafford Co.**WEIGHTING COMPOUNDS—**Arabol Mfg. Co.  
Bosson & Lane.  
Faberwerke-Hoechst Co.  
John P. Marston.  
A. Klipstein & Co.  
Seydel Mfg. Co.  
So. Dyestuff & Chemical Co.**WELDING OUTFITS—**

General Electric Company.

**WARPERS—**T. C. Entwistle Co.  
Draper Company.**WILLOWS—**Saco-Lowell Shops.  
C. G. Sargents Sons Co.**WINDERS—**

Saco-Lowell Shops.

## Joseph Sykes Brothers,

Huddersfield,  
England

### Card Clothing Manufacturers

#### HARDENED AND TEMPERED STEEL WIRE PLOW GROUND CARD CLOTHING

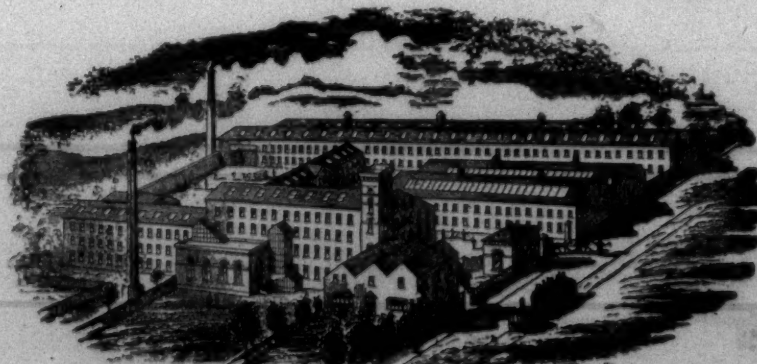
Revolving Top Flats re-clothed. Licker-ins re-wound. Burnisher and Stripper Fillets. Dronsfield's Grinder Rolls. Emery Fillets.  
All regular sizes of Card Clothing always in stock and shipped same day order is received.

**RICHARD D. THOMAS, Southern Agent**

#### REPAIR SHOPS AND STOCK ROOMS

TOMPKINS BUILDING  
P. O. BOX 88  
CHARLOTTE, N. C.

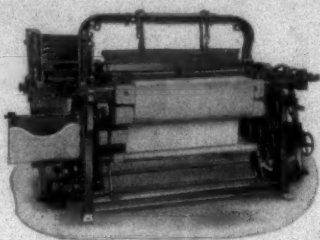
41-2 PETERS STREET  
P. O. BOX 793  
ATLANTA, GA.





**"IDEAL" AUTOMATIC LOOMS**

Unsurpassed in Simplicity, Durability and other Desirable Qualities. No special mill supplies required. They make less waste than any other loom.

**They Produce Superior Cloth**

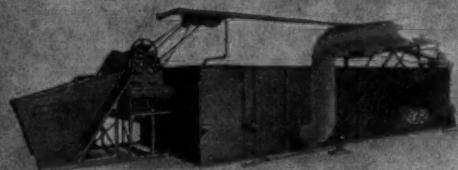
We invite correspondence and investigation

**THE STAFFORD COMPANY**

READVILLE, MASS.

FRED H. WHITE, Southern Agent

Independence Building, Charlotte, N. C.

**"PROCTOR" DRYERS**  
FIREPROOF

Substantial, Durable, and low cost of operation. Dryers for all kinds of Material

**The Philadelphia Textile Machinery Company**  
BUILDERS OF DRYING MACHINERY

INCORPORATED  
1885

PHILADELPHIA

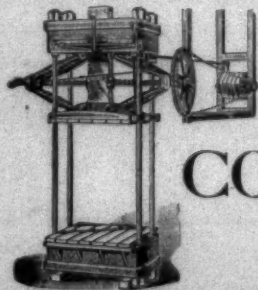
H. G. MAYER, CHARLOTTE, N. C.  
REPRESENTATIVE

**Clark's Directory of Southern Cotton Mills**

Complete and accurate information relative to  
Southern Cotton Mills

Pocket Size—Price \$1.00 CLARK PUB. CO., CHARLOTTE, N. C.

THE "STANDARD"

**BALING PRESS**

FOR

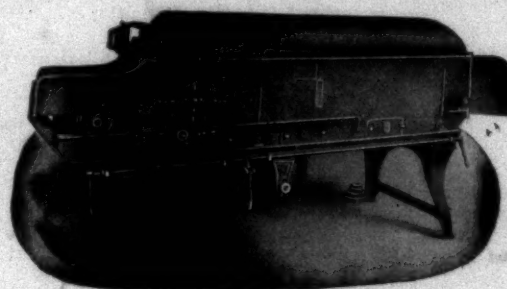
**COTTON MILLS**

AS MADE BY

**Boomer & Boschert Press Co.**

NO. 104 WEST WATER ST.  
SYRACUSE, N. Y.

SEND FOR CATALOG

**The Yarn Conditioning Machine**

Continuous in  
operation

C. G. Sargents  
Sons Corp.  
Graniteville,  
Massachusetts

Southern Agent  
J. S. COTHRAN  
Charlotte, N. C.

**LAHUE NEVER-SLIP STEEL LUG STRAPS**

SPECIALLY ADAPTED TO DRAPER LOOMS

**PRACTICAL EFFICIENT ECONOMICAL**

M. M. LAHUE & COMPANY

LOWELL, MASS.

We carry a full line of general supplies and make a  
specialty of equipping new mills

WE MANUFACTURE

Oak Tanned Leather Loom Harness,  
Belting. Weaving Reeds

**AMERICAN SUPPLY COMPANY**  
PROVIDENCE, R. I.

**A. KLIPSTEIN & COMPANY**

644 Greenwich St.,

(Established 1872)

NEW YORK CITY

Southern Office: Commercial Nat. Bank Bldg, Charlotte, N. C.  
CHEMICALS, COLORS, DYE STUFFS, SIZING, BLEACHING and  
FINISHING MATERIALS.

Importers of Ciba and Cibanon Fast Vat Dyes and all Colors made by the  
**SOCIETY OF CHEMICAL INDUSTRY**  
IN BASEL, SWITZERLAND.

THE SOUTHERN TEXTILE BULLETIN

Charlotte, N. C.

The South's Leading Textile Journal